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MEMORANDUM FOR: Mr. Thomas D. Willett

Deputy Assistant Secretary

for Research

Department of the Treasury

SUBJECT

Input-Output Analysis on

Major Economies

Per our recent discussion I am forwarding the attached research material examining possible recovery scenarios for the major industrial countries. The analysis does not represent a forecast of the recovery path, but rather is an attempt to use input-output for the major countries to access changes in output requirements under various patterns of recovery. We are now in the process of updating our estimates of available capacity. If there are any questions on this subject please call me at IDS-

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Pacific Branch Industrial Nations Division Office of Economic Research

25X6

Attachment: As stated



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A PRELIMINARY LOOK AT SIMULTANEOUS RECOVERY
AND INDUSTRIAL CAPACITY:

AN INPUT-OUTPUT ANALYSIS

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A PRELIMINARY LOOK AT SIMULTANEOUS RECOVERY . AND INDUSTRIAL CAPACITY:

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A PRELIMINARY LOOK AT RECOVERY AND INDUSTRIAL CAPACITY:

AN INPUT-OUTPUT ANALYSIS

Introduction

1. This report is a preliminary attempt to identify industrial supply bottlenecks that might occur in the event of a synchronized economic upturn among major industrial countries. The analysis makes use of input-output tables for each of the major countries in order to assess output requirements under various recovery scenarios. It should be noted that the analysis is not aimed at forecasting the timing of recovery. Rather, it deals with the possible rate of expansion once recovery begins, what the output requirements would be and how much industrial capacity would be available to support expansion.

THE PROBLEM

2. A simultaneous economic expansion involving the major industrial countries poses a variety of potential problems. Foremost is the risk of hitting production bottlenecks before full employment is attained. A related problem is the danger of sparking another round of inflation similar to the price spiral associated with the 1972-1973 synchronized upturn.

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Although initiated by raw material shortages, price inflation during that business cycle was later excaserbated by capacity constraints in industry, particularly heavy industry.

- 3. Several factors will determine the extent and nature of capacity constraints. A key element is the amount of spare capacity now available and likely to be added before recovery begins. At present, idle plant capacity is considerable, reflecting the current low level of economic activity. Little new capacity is being added because of the sharp decline in plant and equipment investment over the past 24 months. As a result, plant expansion in the major economies this year will probably be substantially less than normal.
- 4. Spare capacity is not evenly distributed among industries. Consumer-related industries have the greatest surplus capacity reflecting the steep drop in demand for these items. The build-up of idle plant in basic industries -- steel and chemicals, for example, -- has been more moderate, although still substantial. In the case of raw materials the amount of surplus production capacity also differs from commodity to commodity. Surplus copper mining capacity, for example, is quite large while tin production is only slightly below potential.
- 5. How fast excess productive capacity is exhausted depends in large measure on the pace of recovery. The nature of the upturn also plays a role, since an expansion based on rising personal or government consumption requires a different output mix than one based on rising investment. A 1% increase in investment, for example, has a substantially larger impact on

demand for basic materials such as steel, than does a comparable rise in personal or government consumption. Because the amount of spare capacity differs among industries, increased demand for particular products could result in selective production bottlenecks even though overall industry remains below capacity.

METHODOLOGY

- 6. Several methodologies were employed to determine
 - a. the amount of capacity likely to be available in each industry and each of the major countries during the course of economic expansion; and
 - b. output requirements in each industry and each country during the course of an upturn.

The analysis concentrates primarily on a dozen major industries and includes the six major economies -- the United States, Japan, West Germany, Italy and the United Kingdom,

7. To determine the amount of capacity available involves relatively straight forward techniques. Spare capacity currently available in each industry was measured by comparing present production with the most recent peak level of production.

Adjustments were made for capacity additions through the end of 1974 -- estimated at roughly the long-term expansion rate for industry at large. Capacity additions for this year and next year were extrapolated at roughly half the long-term rate to obtain a 1976 year-end estimate of available capacity in each industry. To determine available capacity by each industry for the major countries as a group, national totals were aggregated using value added weights.

- 8. To determine output requirements, use was made of input-output tables for the six economics. The rows in the inverted input-output table corresponding to the industrial sectors for each economy were increased by percent changes for each final demand component. Increases associated with each demand component were then aggregated to determine overall output changes caused by changes in total domestic demand. Output requirements for the six countries as a group were aggregated using value added weights for each industry.
- 9. Numerous alternative recovery paths for each of the major countries are possible. Three illustrative possibilities were examined.
 - o Case I -- the recovery pattern identical to that following the previous steepest post-war recession.
 - o Case II -- the recovery pattern identical to that followed during the 1972-73 upturn.
 - o Case III -- a recovery pattern taking into account some of the unique aspects of current recession.

It should be noted that it is still too early to forecast with any precision the timing of recovery or what the recovery path will actually look like once it materializes. The cases under review are only illustrative of the possibilities.

10. The following table shows changes in domestic demand for each country and case. The external sector -- both exports and imports -- has been excluded in order to isolate the impact of changes in domestic demand on output requirements.

CHANGE IN TOTAL DOMESTIC DEMAND

	,			ent Change nnual Rate
	CASE	CASE II	CASE	CASE AVERAGE
JAPAN	22	3.4	13	16
UNITED STATES	10	6	1.0*	9
WEST GERMANY	8	. 4	. 8	7
UNITED KINGDOM	10	6	6	7
YIATI	3	10	6	6
FRANCE'	18	8	7	11
WEIGHTED AVERAGE	12	7	9	9

^{*} Assumes case 1 recovery pattern

RESULTS

11. The analysis shows that available capacity in several sectors would be exhausted fairly quickly in the event of a sustained simultaneous expansion. Initial constraints would emerge roughly 18 months following the start of an upturn. If recovery begins in early 1976, for example, several industries would be at or near full capacity utilization by mid-1977. The following table summarizes the results of the analysis, including the amount of capacity available by industry and the number of months until full capacity utilization is reached.

TABLE 1
SUBMARY TABLE

INDUSTRY	AVAILABLE CAPACITY* (PERCENT)	MONTHS TO FULL CAPACITY
IRON AND STEEL	17	16 '
CHEMICALS	14	16
Non-Ferrous Metals	25	, 17
ELECTRICAL MACHINERY	19	<u>.</u> 17
FABRICATED METALS	19	.18
PAPER PRODUCTS	19	19
UTILITIES	14	18
CEMENT	21	20
TRANSPORTATION EQUIPMENT	. 28	22
LUMBER	. 29	28
Textiles	26	. 33

^{*}Weighted average of major industrial countries; 1976 year-end estimate

^{**}WEIGHTED AVERAGE OF MAJOR INDUSTRIAL COUNTRIES AND SIMPLE AVERAGE OF THREE ILLUSTRATIVE CASES

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SECTORAL DETAIL

12. Tables 2A through 2D show the results, including country detail, for several key industries. Table 2E shows the results for the remaining major industries covered by the analysis.

TABLE 2A SECTOR DETAIL

IRON AND STEEL

	AVAILABLE CAPACITY (PERCENT)	CASE LASE	CASE	CAPACTIY Case III	CASE A <u>VERAGE</u>
JAPAN	21	10	14	18	14
UNITED STATES	17	· 41	. 28	11	17
UNITED KINGDOM	17	16	45	24	28
WEST GERMANY	15	. 14	38	i 5	22
ITALY	18	N.A.	21	25	23
FRANCE	9	7	12	11	10
WEIGHTED AVE.	17	11	22	14	. 16

- o Capacity is hit first under almost all recovery scenerios.
- o Shortages are possible within a year and a half after recovery begins.
- o The United States, Japan, and France face shortages the soonest.

TABLE 2B SECTOR DETAIL

CHEMICALS

	AVAILABLE CAPACITY (PERCENT)	:	MONTHS Case	CASE	PACTIY Case III	Case Average
JAPAN	19		. 8	12	1.4	11
UNITED STATES	9 .		.9	18 '	9	12
UNITED KINGDOM	. 6		7	9 🕶	9	8
WEST GERMANY	22		20	53	26	33
ITALY	14		49	19	27	32
FRANCE	16		10 .	22	18	17
WEIGHTED AVE.	14		12	20	15	16

- o Capacity is reached within 18 months of recovery.
- o The United States, Japan and United Kingdom reach full capacity utilization first.
- o Only West Germany and Italy have ample capacity for a multi-year expansion.

TABLE 2C SECTOR DETAIL

NON-FERROUS METALS

	AVAILABLE CAPACITY (PERCENT)	FOITHS Case	LID HULL C	SPACITY Case	Case Average
JAPAN	50	14	19	26	20.
UNITED STATES	22	13	32	13	19
UNITED KINGDOM	15	8	77	13	33
WEST GERMANY	20.	10	26 .	11	16
ITALY ,	19	14	10	9	11
FRANCE	8	4	8	7 .	6 .
WEIGHTED AVE.	25	12	23	15	17

- o Large excess capacity is used up fairly rapidly.
- o Japan, the United States, and United Kingdom have the most capacity to support output growth.
- o France faces particularly severe shortages.

TABLE 2D SECTOR DETAIL

EABRICATED METALS

	AVAILABLE CAPACITY (PERCENT)	GONTHS Case	CASE	APACTEY Case 	(ASE AVERAGE
JAPAN	40	14	20	27	20
UNITED STATES	14	13	26	13	1.7
UNITED KINGDOM	17	16	24	23	21
WEST GERMANY	17	18	47	1.9	28
ITALY	N.A.	2 .	10.	8	7
FRANCE	10	6	12	11	10
WEIGHTED AVE.	19	13	24	17	18

- o Constraints are generally reached within two years of recovery
- o Italy and France face possible shortages sooner than the average
- o West Germany, the United Kingdom and Japan hit full capacity utilization later in the expansion.

TABLE 2E ...
SECTOR DETAIL

LUDUSTRIAL MACHINERY

	AVAILABLE CAPACITY (PERCENT)	MONTUS. CASE	CASE	APACTIY Case	Case Average
JAPAN	. 22	9 :	٠13	17	13
UNITED STATES	13	8	18	8	1.1
UNITED KINGDOM	9	6	. 9	10	8
WEST GERMANY	13	13	42	14	23
	20	N.A.	22	26	62.
ITALY	10	8	11	10	10
FRANCE WEIGHTED AVE.	14	9	1.6	11	12
HEADING TO THE TOTAL THE TOTAL TO THE TOTAL TOTAL TO THE		_			

PAPER PRODUCTS

· · · · · · · · · · · · · · · · · · ·	AVAILABLE CAPACITY (PERCENT)	MONITIS : Case	IO FULL C CASE II	APACITY Case III	Case Average
JAPAN	25	12	. 17	20	16
UNITED STATES	14	1,4	27	14	18
UNITED KINGDOM	13	10	11	12	11
WEST GERMANY	27	30	54 ′	27	37
ITALY	15	36	18	23	26
FRANCE	8	3	11	9	8
	19 lease 2002/02/19.: ₁ 0	13 3IA-RDP86T00	26 0608R000600	19 040042-7	19.

TABLE ZE SECTOR DETAIL

CEMENT

	Available Capacity (Percent)	MONTHS Case	TO FULL CA	PACTIY Case 111	Case Amerage
JAPAH	34	16	`24	28	23
UNITED STATES	1.9	18	34 :	18	23
UNITED KINGDOM	17	: 12	26	18	19
WEST GERMANY	22	ıi	58	21	30
ITALY	12	64	12 '	14	30
FRANCE	13	9	16	14	13
WEIGHTED AVE.	21	16	25	20	20

LUMBER

· .	AVAILABLE CAPACITY (PERCENT)	MONTHS. Case	.TO FULL.	CAPACTTY Case LII	Case Ayerage
JAPAN	,35	17	26	30	24
UNITED STATES	25	26	45 .	26	32
UNITED KINGDOM	35	17	. 28	25	23
WEST GERMANY	. 15	16	• 37	16	23
ITALY	- 34	132	43	34	70
FRANCE	N.A.	. 19	11	12	1.4
WEIGHTED AVE.	29	23	33	27	28

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TABLE 2E.
SECTOR DETAIL

TEXTLLES.

t browning 18	AVAILABLE CAPACITY (PERCENT)	MOHTHS Case	TO FULL (JAPACITY Case III	Case Amerage
JAPAN	51	30	.43	48	40
UNITED STATES	17	21	34	21.	25
UNITED KINGDOM	23	34	34	40	36
WEST GERMANY	39	. 48	7.3.	12	54
ITALY	19	81	32	52	55
FRANCE	15	14	. 34	33	27
WEIGHTED AVE.	26	27	40	32.	33

IRANSPORTATION EQUIPMENT

	AVAILABLE CAPACITY (PERCENT)	MONTHS. Case	IU FUIL (CASE	CAPACTIY Case LII	Case Ayerage
JAPAN	. 21	13	13	23	16
UNITED STATES	28	24	14	24	16
UNITED KINGDOM	. 22	23	. 11	31	. 21
WEST GERMANY	40 .	. 64	3	67	22
ITALY	26	N.A.	7	•	45
FRANCE	23	15	.7	82 35	45
WEIGHTED AVE.	28	25	•		19
		45	11.	29	22

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SECTOR DETAIL.

Utilities

	AVAILABLE CAPACITY CREEGETT)	CASE CASE	TO FULL C	APACTTY Case 111	Case Average
JAPAN .	22 .	14	20	21.	18
UNITED STATES	1.5	. 21	32 ;	21	25
UNITED KINGDOM	6 .	7	1.2	10	10
WEST GERMANY	8	1 . 1 .	20	. 10	1.4
ITALY	14	49	17′	25 .	30
FRANCE	8	5	12-	11	9
WEIGHTED AVE.	14	15	22	18	18

ELECTRICAL MACHINERY

	AVAILABLE CAPACITY (PERCENT)	CASE	S_IO_FULL_C Case	APACITA Case LIL	CASE AVERAGE
JAPAN	. 23	8	· 1i	16	12
UNITED STATES	17	15	32 .	15	21
UNITED KINGDOM	18	13	20	19	17
WEST GERMANY	22	.24	65	26	38
ITALY	13	89	14	. 17	40
FRANCE		5	10	19	11
WEIGHTED AVE.	19	13	. 21	16	17

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TESTING THE RESULTS

output analysis closely corresponds to actual increases in industrial production. The output results for Case II were compared with actual changes in industrial production during the relevant 1972-1973 period. In most instances, the calculated changes about matched actual changes for the group as a whole. Where differences did occur, calculated changes were generally below actual changes. The difference between actual and calcuated changes, in large part, were due to the fact that export demand outside the group was excluded from the analysis.

TAB A

APPENDIX A .

JARAU

CHAMGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

	•	CHANGE IN OUTPUT		
	AVAILABLE CARACITY	CASE		
IRON-STEEL JON-FERROUS FABRICATED METALS CUMBUT CHEMICALS TEXTILES LEATHER LUMBER PRODUCTS PAPER PRODUCTS PAPER PRODUCTS INDUSTRIAL JACHINERY LUCTRICAL ACHINERY TRANSPORTATION ECUIPMENT UTILITIES CONSTRUCTION	21 50 40 34 19 51 22 35 25 22 23 21 22,	26 42 34 25 28 20 22 24 25 30 34 19 19 20	19 31 24 17 20 14 15 17 18 21 25 13 14	14 22 16 15 16 14 15 16 18 11 13
CHANGE IN DOMESTIC DEMAND		22	14	13

APPENDIX A

JARAIL

CHAMSE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

·	Available Caracliy	CHAN CASE	GE IN C ANTUAL CASE LI	
IRON-STEEL NON-FERROUS FABRICATED METALS CEMENT CHEMICALS TEXTILES LEATHER LUMBER PRODUCTS PAPER PRODUCTS INDUSTRIAL MACHINERY FLECTRICAL MACHINERY TRANSPORTATION ECUIPMENT UTILITIES CONSTRUCTION	21 50 40 34 19 51 22 35 25 22 23 21 22, N.A.	26 42 34 25 28 20 22 24 25 30 34 19 19 20	19 31 24 17 20 14 15 17 18 21 25 13 14	14 22 18 15 16 13 14 15 16 18 11
CHANGE IN DOMESTIC DEMAND		22	14	13

APPENDIX V.

UNITED STATES CHANGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

	AVAILANLE CAPACITY	CASE	GE IN O ANNUAL CASE 11	
IRON-Steel JON-Fereous HABRICATED METALS CEMENT CHENICALS TEXTILES LEATHER LUMBER PRODUCTS PAPER PRODUCTS PAPER PRODUCTS INDUSTRIAL MACHINERY ELECTRICAL MACHINERY TRANSPORTATION EQUIPMENT UTILITIES CONSTRUCTION	17 22 14 19 9 17 48 25. 14 13 17 28 15. N.K.	13 12 10 8 12 12 18 14 13 9	7 8 7 7 6 6 6 7 6 9 7 6 6 7	
Change In Domestic Demand		10	6	

APPENDIX A UNITED KINGDOM CHANGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

	AVAILABLE CAPACITY	CASE J	KGE IN ANNUA CASE II	OUTPUT L_RATE CASE
IRON-STEEL MON-FERROUS FABRICATED METALS CEMENT CHEMICALS TEXTILES LEATHER LUMBER PRODUCTS PAPER PRODUCTS INDUSTRIAL MACHINERY ELECTRICAL MACHINERY TRANSPORTATION EQUIPMENT UTILITIES CONSTRUCTION	17 15 17 17 6 23 24 35 13 9 18 22 6 N.A.	13 22 13 17 10 8 9 24 16 17 17 12 9 21	5 9 8 8 12 14 11 11 65	9 14 9 11 8 7 8 17 12 10 12 9 7
CHANGE IN DOMESTIC DEMAND	• • •	10	6	6

APPENDIX A MEST GERMANY CHAMGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

•	. CHANGE IN OU			001101
	AVAILABLE CAPACITY	CASE	CASE	CASE
IRON-STEEL HON-FERROUS FABRICATED METALS CEMENT CHEMICALS TEXTILES LEATHER LUMBER PRODUCTS PAPER PRODUCTS INDUSTRIAL MACHINERY ELECTRICAL MACHINERY TRANSPORTATION EQUIPMENT UTILITIES CONSTRUCTION	15 20 17 22 22 39 44 15 27 13 22 40 8	13 23 11 13 9 10 8 11 11 13 11 8 9	5 9 4 5 5 7 6 5 6 4 4 3 5 2	12 22 10 12 10 11 10 11 12 11 10 7
CHANGE IN DOMESTIC DEMAND	·	8	4	8

APPENDIX A .

CHAMSE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

		CHAI		OUTPUT
•	Available Capacity	CASE	_AINUA Case]]	L_RATE CASE
IRON-STEEL MON-FERROUS FABRICATED METALS CEMENT CHEMICALS TEXTILES LEATHER LUMBER PRODUCTS PAPER PRODUCTS INDUSTRIAL MACHINERY ELECTRICAL MACHINERY TRANSPORTATION EQUIPMENT UTILITIES	18 19 N.A. 12 14 19 20 34 15 20 13 26	2 17 2 2 4 3 2 3 5 2 2 -1	10 24 10 11 9 7 6 12 10 11	9 25 8 10 .6 4 10 8 9 9 4
CONSTRUCTION	N.A.	ì	, 11	10
CHANGE IN DOMESTIC DEMAND		3	10	6

APPENDIX A

ERANCE

CHARGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

	Availadle Capacity	CHAN CASE	GE IN (ANIIUA) CASE II	OUTPUT L_RATE CASE
IRON-STEEL MON-FERROUS FABRICATED METALS CEMENT CHEMICALS TEXTILES LEATHER LUMBER PRODUCTS PAPER PRODUCTS INDUSTRIAL MACHINERY ELECTRICAL MACHINERY TRANSPORTATION EQUIPMENT UTILITIES CONSTRUCTION	9 8 10 13 16 15 14 N.A. 8 10 8 23 8 N.A.	16 21 18 16 19 13 13 19 29 16 19	9 12 10 10 9 5 7 11 9 11 9	11 14 11 10 5 8 12 11 12 11 8 9
CHANGE IN DOMESTIC DEMAND		18	. 8	7

TAB B

APPENDIX B LRON_AND_STREEL CHANGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

	CHANGE IN O				
	Available Capacity_	CASE	CASE 1)	CASE LIII	
JAPAN	21	26	19	3.4	
UNITED STATES	17	18	′ 7	18	
UNITED KINGDOM	17	13	- 5	9	
WEST GERMANY	15	13	. 5	12	
ITALY .	18	2	10	9	
FRANCE	9	16	9	1.1	
	•				
WEIGHTED AVE.	17	18	10	15	

APPENDIX B NOTE ERROUS METALS CHANGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

	CHANGE IN OUR			
	AVAILABLE CAPACITY_	CASE	-Allalia Case II	L PATE CASE 111
JAPAN	50	42	,31	22
UNITED STATES	22	20	8	20
UNITED KINSDOM	0.5	22	2	14
MEST GERMANY	_. 20 ·	23	9	22
ITALY.	, 19	17	24	25
FRANCE	8	21	12	14
WEIGHTED AVE.	. 25	24	13	20

APPENDIX B

EABRICATED METALS

CHARGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

	v v	CHARSE IN OUTPUT		
, ,	AVAILABLE CAPACITY	CASE	ANNUA! Case JJ	LASE LASE LL
JAPAN .	, 40 ·	34	24	18
UNITED STATES	14	1.4	7	14
UNITED KINSDOM	1.7	13	9	9
WEST GERMANY	17	11	4	10
ITALY	N.A.	2	10	8 .
FRANCE .	10	18	10	1.1
WEIGHTED AVE.	19	17	10 .	14

APPENDIX B CHANGE IN SECTORAL OUTPUT REQUIRED TO MEET DOWESTIC DEMAND

•		CHANGE IN OUT			TUTTU
	•	Available Capacliy	CASE	CASE	CASE
JAPAN		19	28	20	16
UNITED STATES		9	12	. 6.	12
UNITED KINGDOM	•	6	10	- 8	8
WEST GERMANY	!	22	9.	5	10
ITALY	÷	. 14	4	9	6
FRANCE		. 16	19	9	10
WEIGHTED AVE.		14	14	. 8	11

APPENDIX B

CHANGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

•		CHANGE IN OUTPUT		
	CAPACITY_ Available	CASE	LASE LASE]]	CASE
JAPAH	34	25	17	15
UNITED STATES	7.9	13	7	1.3
UNITED KINGDOM	1.7	17	- 8	11
MEST GERMANY	22	13	5	12
ITALY	, 12	2	11	10
FRANCE	13	16	 10	11
METOURES AND				
WEIGHTED AVE.	. 21	15	10.	13

APPENDIX B

CHARGE IN SECTORAL OUTPUT REQUIRED TO MEET POWESTIC DESIRED.

		CHARSE IN OUTPUT		
	AVAILABLE CARAGIIM	CASE	LANE LANE	CASE
JAPA!!	25	25	1.8	1.5
UNITED STATES	14	1.2	6	12
UNITED KINSDOM	13	3.6	j ::	12
WEST GERMANY	27 .	3.3.	6	12
ITALY ·	15	5	12	8
FRANCE	. 8 .	29	9	11
WEIGHTED AVE.	19	18	10	13

APPENDIX B JUDUSTRIAL MACHINERY CHANGE HE SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

•	CHANGE IN OUTPUT			
	AVAILANTE CAPAGLIY	CASE	_ ANDUA CASE]]	CASE
JAPAN	22	30	21	16
UNITED STATES	13	1.8	- 9	18
UNITED KINGDOM	9	1.7	1.	3.0
WEST GERMANY	1.3	13	4	11
ITALY	. 20	2	10	9
FRANCE	10	16	117	12
WEIGHTED AVE.	14	19	11	15

APPENDIX B TEXTULE CHAMGE IN SECTORAL OUTPUT REQUIRED TO MEET ROWESTIC DEMAND

	•	CHA	MGE IN C	
.· .	AVADLABLE GABAGUIY	CASE	LARIMAI CASE 11	CASE 111
JAPAN	51	20	,14	13
UNITED STATES	17	1.0	6	1.0
UNITED KINGDOM	23	3	8	7
WEST GERMANY	39	.10	7	11.
ITALY	. 19	3	7	4
FRANCE .	. 15	1.3	5	5
WEIGHTED AVE.	26	12	8	10

4

APPENDIX B

LUMBER CHANGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND.

		•		CHA	GE IN O	
•		AVATLABLE CARACULY	<u>.</u>	CASE	LASE LASE 11	CASE
JAPAH		35	•	24	,17	14
UNITED STATES	,	2 6 ·		12	7	1.2
UNITED KINGDOM		35		24	15 ··	17
WEST GERMANY		15		11	5	11
ITALY.		, 34		3	12	1.0
FRANCE	•	N.A.		19	11	12
WEIGHTED AVE.		. 29		15	10	1.3

APPENDIX B ELECTRICAL MACHINERY CHANGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DENAND

*		•	СНА	MGE IN	OUTPUT
,		AVAILABLE CAPACIEY	CASE	CASE 1)	L_RATE CASE LLL
JAPAN		23	34	25	18
UNITED STATES	1	1.7	14	′ 7	14
UNITED KIMSDOM		1.8	17	- 3. 3.	12
WEST GERMANY		22	1.1	4	10
ITALY		, 13	. 2	11	9
FRANCE		8	19	9	. 11
WEIGHTED AVE.	•	19	. 18	11	14

APPENDIX B

TRANSPORTATION FOULTHEIR CHANGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

	• •	· CHA:	GE IN C	TUTTUC
•	AVAILABLE CAPACITY.	CASE	CASE	PATE CASE 111
JAPAN :	21	19	1.3	[11
UNITED STATES	28	.13	6	1.3 ·
UNITED KINGDOM	22	12	11	9
WEST GERMANY	40	8	3	7
ITALY.	26	-1	7	4
FRANCE	. 23.	19	7	8
WEIGHTED AVE.	28	13	7	12

APPENDIX B UTILITLES CHARGE IN SECTORAL OUTPUT REQUIRED TO MEET DOMESTIC DEMAND

		CHY	MGE IN C	UTPUT
	AVAILABLE CAPACITY	CASE	CASE	CASE
JAPAN	22	1,9.	,14	13
UNITED STATES .	15	9	6	: 9
UNITED KINGDOM	6	9	6	7
WEST GERMANY	દ :	9	. 5	10
ITALY .	. 14	4	ΙÓ	· 7
FRANCE	8	19	8	9
WEIGHTED AVE.	14	11	7	9

TAB C

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APPENDIX C

PARTHAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT.

JAPAN

CASE I

	i	- CHE	ANGE IN OUTPUT I	OUE TO CHANGE IN	:
INDUSTRIAL SECTOR	TOTAL CHANGE	PERSONAL CONSUMPTION	GOVERNMENT SPENDING	CAPITAL INVESTMENT	INVENTORIES .
Iron and steel Non-ferrous metals Fabricated metals Chemicals Textiles Leather Lumber Paper products Industrial machinery Electrical machinery Transportation equipment Precision instruments Misc. manufacturing Construction Utilities	25.06 42.27 33.52 27.23 20.07 21.53 24.34 24.90 29.77 34.25 19.23 30.78 25.64 20.07 19.37	1.65 3.58 2.79 7.09 0.54 8.62 3.07 4.95 1.11 2.35 2.36 5.04 5.07 0.62 6.76	0.16 0.26 0.20 0.35 0.15 0.19 0.22 0.85 0.11 0.12 0.36 0.26 0.26 0.09 0.34	11.34 13.17 11.71 2.29 1.79 1.95 13.86 5.19 15.44 11.43 10.93 6.12 5.50 13.92 5.29	12.92 25.25 18.60: 15.51 9.59 10.86 7.19 11.91 13.11 20.35 19.40 13.18
TOTAL CHANGE WEIGHTED BY GROSS FINAL DEMAND	21.93	5.75	0.51 .	7.96	7.75

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND CC. PONENT

JAPAN

CASE II

		- CH	ANGE IN OUTPUT	DUE TO CHANGE IN	V:
INDUSTRIAL SECTOR	TOTAL CHANGE	PERSONAL CONSUMPTION	GOVERNMENT SPENDING	CAPITAL INVESTMENT	INVENTORIES
Iron and steel	18.1		0.17	7.21	
Non-ferrous metals	30.79	. 0.99	0.28	5.37	10.27
Fabricated metals	27.22	1.63	0.22.	7.44	19.09
Chemicals	19.54	4.26	0.37	2.73	12.83
Textiles .	14.03	5.14	0.15	1.15	7.53
Leather	15.23	5.19	0.21	1.25	8.59
Lumber	15.58	1.85	0.24	6.31	5.58
Paper products	17.35	3.59	0.91	3.93	2.22
Industrial machinery	20.97	0.67	0.11	9.81	19.37
Electrical machinery	24.31	1.41	0.13	7.27	16.10
Transportation equipment	13.04	1.42	0.38	5.97	= 27
Precision instruments	22.51	3.04	0.23	.3.89	15.35
Misc. manufacturing	. <u>- 18.27 </u>	3.43	0.28	4.13	17.23
Construction	12.34	0.37	0.10	12.02	3.34
Utilities .	. 13.47	4.03	0.91	3.35	5.13
TOTAL CHANGE WEIGHTED					
BY GROSS FINAL DEMAND	15.20	3.46	0.53	. 5.06	6.14
·					L L

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

JAPAN

CASE III

	CHANGE IN OUTPUT DUE TO CHANGE IN:					
TNOTERDIBLE CHAMON	TOTAL CHANGE	PERSONAL CONSUMPTION	GOVERNMENT SPENDING	CAPITAL ENVESTMENT	INVENTORIES .	
Iron and steel Non-ferrous metals Fabricated metals Chemicals Textiles Leather Lumber Paper products Industrial machinery Electrical machinery Transportation equipment Precision instruments Misc. manufacturing Construction Utilities		1.40 3.03 2.37 6.06 7.24 7.31 2.55 5.05 0.90 1.90 1.90 4.27 4.83 0.52	0.19 0.24 0.41 0.18 0.27 1.00 0.12 0.14 0.42 0.26 0.31 0.11	6.70 7.78 5.92 2.52 1.05 1.35 2.19 3.65 9.13 5.76 5.76 3.62 3.62	5.59 11.12 8.29 6.83 2.22 2.78 3.15 5.22 5.77 8.35 8.52 8.52 8.52 8.52	
TOTAL CHANGE WEIGHTED BY GROSS FINAL DEMAND	13.59	4.87	ر 0.60	4.70	3.41	

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

" UNITED STATES

CASE I

·	•	N:			
INDUSTRIAL SECTOR	TOTAL CHANGE	PERSONAL CONSUMPTION	COVERNMENT Drividing	CAPITAL INVESTMENT	INVENTORIES
Iron and steel Non-ferrous metals	15.23 17.46	2.63	0.34	4.79	. 8.48
Fabricated metals:	12.61	2.79 2.91	0.38	2.09	9.29
Chemicals Textiles	10.76 9.60	4.85 6.20	0.21 0.05	1,17	4.53
Leather Lumber	7.43	6.63	Ç. 62	0.10	= 2.91 9.67
Paper products	11.37 11.18	3.74 5.26	0.23 0.21	4.29 1.18	3.19
Industrial machinery Electrical machinery	15.59	1.43	0.19	7.55	- 4.53
Transportation equipment	12.76	2.64 2.68	0.36 1 0.35	4.38 4.45	5.52
Precision instruments Misc. manufacturing	11.36	3.12 4.25	c.30	3.77	-3.85
Construction	9.63	0.90	0.59	· , -0.16 · . 7.73	2.39
Utilities	8.35	5.54 -	0.16	0.24	1.73
TOTAL CHANGE WEIGHTED BY GROSS FINAL DEMAND	10.01	4.70	0.19	2.15	. 2.97

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

UNITED STATES

CASE II

•		CH2	ANGE IN OUTPUT D	UE TO CHANGE T	A.* •
INDUSTRIAL SECTOR	TOTAL CHANGE	PERSONAL CONSUMPTION	GOVERNMENT SPENDING	CAPITAL INVESTMENT	INVENTORIES
Iron and steel Non-ferrous metals Fabricated metals Chemicals Textiles Leather Lumber Paper products Industrial machinery Electrical machinery Transportation equipment Precision instruments Misc. manufacturing Construction Utilities	6.55 6.93 5.17 5.45 5.60 6.54 7.31 5.98 5.85 5.78 3.79 6.45 5.59	2.24 2.36 2.48 4.14 5.36 5.66 3.19 6.47 1.22 2.25 2.25 2.29 2.66 3.63 4.73	0.02 0.02 0.02 0.01 0.00 0.01 0.01 0.01	3.43 3.59 3.16 2.64 0.25 0.07 3.07 3.07 5.40 3.14 2.97 2.70 -0.12 -5.54 -6.68	0.37 -0.95 -0.95 -0.30 -0.30 -0.33 -0.37 -0.37 -0.57 -0.39 -0.39 -0.24 -0.01
TOTAL CHANGE WEIGHTED BY GROSS FINAL DEMAND	5.87	4.01	0.01	1.54	0.30 k

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

UNITED KINGDOM

CASE I

			DUE TO CHANGE IN:		
TOTAL CHANGE	PERSONAL CONSUMPTION	GOVERNMENT SPENDING	CAPITAL INVESTMENT	INVENTORIES	
Iron and steel 13.32	1 82	0.16	10.43	0.91	
Non-ferrous metals 23.28	4.01	0.37	19.57	-0.67	
Fabricated metals 12.50	2.72	0.16	7.43	2.20	
Chemicals . 10.40	3.85	0.23	4.52	1.79	
Textiles 8.24	5.41	0.07	0.98	1.77	
Leather 9.24	5.71	0.02	0.34	3.76	
Lumber : 23.87	4.44	0.21	15.18		
Paper products 15.50	5.86	9.36	5.70	3.55	
Industrial machinery 17.04	0.80	0.06	16.36	-0.19	
Electrical machinery 15.69	1.51	0.25	11.57	3.27	
Transportation equipment 11.86	1.59	0.25	5.76	3.28	
Precision instruments 12.70	. 2.19	0.35	6.61	2.55	
Misc. manufacturing 11.89	3.70	0.18-	6130	:.71	
Construction 20.66	1.01	0.13	18.59	0.94	
Utilities 9.19	4.69	0.16	3.51	0.88	
TOTAL CHANGE WEIGHTED					
BY GROSS FINAL DEMAND 10.82	3.92	0.25	5.57	1.03	

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

UNITED KINGDOM

CASE II

		- CHA	ANGE IN OUTPUT I	OUE TO CHANGE IN	: ·
INDUSTRIAL SECTOR	. TOTAL CHANGE	PERSONAL CONSUMPTION	GOVERNMENT SPENDING	CAPITAL INVESTMENT	INVENTORIES
Iron and steel Ron-ferrous metals Fabricated metals Chemicals Textiles Leather Lumber Paper products Industrial machinery Electrical machinery Transportation equipment Precision instruments Misc. manufacturing Construction	4.54 2.44 8.46 8.00 8.27 12.13 15.09 14.49 0.99 11.21 10.92 12.31 7.64 4.52 5.61	1.06 2.33 1.58 2.24 3.14 3.32 2.50 3.40 0.47 0.93 0.92 1.27 2.15 0.58 2.72	0.39 0.91 -0.40 0.56 0.17 -0.65 -0.60 0.60 0.65 -0.43 0.33 0.39	0.57 1.27 0.40 0.25 0.05 0.02 0.31 0.31 0.63 0.63 0.37 0.35 0.34 1.01 0.19	2.52 -1.85 -5.08 -2.95 -2.95 -1.17 -2.52 -2.52 -2.52 -2.52 -2.50 -2.30
Utilities TOTAL CHANGE WEIGHTED BY GROSS FINAL DEMAND	6.18	2.27	0.61	0.30	3.00

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

UNITED KINGDOM

CASE III

		- CH	ANGE IN OUTPUT D	OUE TO CHANGE I	N:
INDUSTRIAL SECTOR	TOTAL CHANGE	PERSONAL CONSUMPTION	GOVERNMENT SPENDING	CAPITAL INVESTMENT	INVENTORIES -
Iron and steel Non-ferrous metals Fabricated metals Chemicals Textiles Leather Lumber Paper products Industrial machinery Electrical machinery Transportation equipment Precision instruments Misc. manufacturing	8.66 14.29 9.01 7.88 7.01 8.32 16.94 12.20 10.06 -11.67 2.84 5.61	1.53 3.36 2.28 3.24 4.79 3.72 4.92 0.67 1.35 1.33 1.84 3.10	0.09 0.21 0.09 0.13 0.04 0.04 0.01 0.12 0.20 0.03 0.1# 0.1# 0.20	6.09 11.42 4.33 2.657 0.20 8.86 3.32 9.55 6.75 3.96 3.68	2.95 -0.70 2.31 1.67 1.66 3.31 -2.23 3.75 -0.20 3.43 3.43 3.42 -1.79
Construction Utilities	6.94	3.93	0.09_	10.85 2.05	0,98 0,87
TOTAL CHANGE WEIGHTED BY GROSS FINAL DEMAND	7.81	3.28	0.14	3.25	1.14

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT GERMANY

Case I

	•	- CH	ANGE IN OUTPUT	DUE TO CHANGE I	N:
INDUSTRIAL SECTOR	TOTAL CHANGE	PERSONAL CONSUMPTION	GOVERNMENT SPENDING	CAPITAL INVESTMENT	INVENTORIES
Iron and steel	7-13.12/-	1.29			
Non-ferrous metals	22.79	3.25	-0.07 - -0.15	5.43	5.57
Fabricated metals	10.77	1.71	-0.03	8.10	11.53
Chemicals	9.38	2.57	-0.03 	5.01	4.13
Textiles :	9.74	4.36	-0.03 /	2.57	4.33
Leather	8.33	L L L L	-0.02	9.60	4.81.
Lumber	11.01	2.54		0.34	3.58
Paper products	10.73	3.13	-0.19	8.63	3.88
Industrial machinery	.12.55	1.03	-0.08	2.94	4.35
Electrical machinery	10.73	1.54		7.27	4.33
Transportation equipment	7.61	1. 3	-0.04	5.30	3.55
Precision instruments ·	8.33 .	1.47	-0.03	3.83	2,25
Misc. manufacturing	6.64	3,04-			2,35
Construction	12.80	0.24	-0.02	c.ss	2,75
Utilities	8.87	3.10	-0.11	11.18	. 1.51
				2.66	3,24
TOTAL CHANGE WEIGHTED	•		9		•
BY GROSS FINAL DEMAND	- 8.44	2.57	-0.17	3.35	2.63

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

GERMANY

CASE II

	1	CH2	ANGE IN OUTPUT D	UE TO CHANGE IN	:
INDUSTRIAL SECTOR	TOTAL CHANGE	.PERSONAL CONSUMPTION	GOVERNMENT SPENDING	CAPITAL INVESTMENT	INVENTORIES
Iron and steel	4.78	132	0.17	0.58	2.71
Non-ferrous metals'	4 9 . 41	3.34	0.36	0.35	≥.85
Fabricated metals ·	4.21	. 1.75.	0.19	0.53	1.73 _
Chemicals	4.91	2.63	0.19	9.27	1.91
Textiles . • 9	. 5 . 5 1	- 4,87	0.00 .	0.03	2.31
Leather ·	. 5.13	4.55	0.0୪ ୮	0.04	1,50
Lumber · ·	4.81.	2.60	0.09	0.49	1.63
Paper products	5.59	3,20	· 0.45	0.31.	2.03
Industrial machinery	3.22	1.05	0.19	. 0177	1.81
Electrical machinery.	3.94.	. 1.58	9.13	0.53	1.65
Transportation equipment		1.34	0.00	0.21	1.02
Precision instruments	2.98	1.45	0.05	0.59	0.33
Misc. manufacturing	. 4.44	3, 11	0.07	. 0.09	1.17
Construction	2.08	0.24	. 0.05	. 1. 19	0.59
Utilities	5.08	3.17	0.27	0.23	1.35
TOTAL CURVER ATTEMEN			•		,
TOTAL CHANGE WEIGHTED BY GROSS FINAL DEMAND	4.51	2.63	0.40	0.35	1.12

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

GERMANY

CASE III

	;	- CH	ANGE IN OUTPUT D	UE TO CHANGE IN	:
INDUSTRIAL SECTOR	TOTAL CHANGE	PERSONAL CONSUMPTION	GOVERNMENT . SPENDING	CAPITAL INVESTMENT	<u>INTERNICALES</u>
Iron and steel Mon-ferrous metals Fabricated metals Chemicals Textiles Leather Lumber Paper products Industrial machinery Electrical machinery Transportation equipment Precision instruments Misc. manufacturing Construction Utilities	12.22 22.09 10.29 9.87 11.22 9.95 10.80 11.75 11.19 10.04 7.16 7.69 7.63 10.00 9.73	1.80 4.55 2.39 3.58 6.19 3.54 4.37 1.43 2.15 1.83 1.97 4.34 4.33	0.22 0.47 0.25 0.25 0.06 0.07 0.12 0.35 0.19 0.19 0.08 0.08 0.09 0.09	2.00 5.98 3.79 1.89 0.44 0.25 3.41 2.17 5.96 2.97 3.97 3.97 3.97 3.97	6.23 11.09 3.96 4.15 4.31 3.72 4.65 4.78 2.35 2.25 2.67 1.35 3.10
TOTAL CHANGE WEIGHTED BY GROSS FINAL DEMAND	9.15	3.58	0.52	2.48	2.57

APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

IN:	INVENTORIES	0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.47
DUE TO CHANGE I	CAPITAL INVESTUENT	000000000000000000000000000000000000000	60.0
CHANGE IN OUTPUT	GOVBRANSENT	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	05.0
TALY CASE I	PERSONAL	2002 2002 2003 1003 1003 1003 1003 1003	2,16
	TOTAL	100 00 00 00 00 00 00 00 00 00 00 00 00	
	•	#- 변 13	
Approved For Rele	WOUSTRIAL SECTOR	ron and steel incated metals incated metals	OPIL CHANGE WEIGHTED PEROSS FINAL DEMAND
	. Al	10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	TO

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APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

ITALY

CASE II

		- CHA	NGE IN OUTPUT I	UE TO CHANGE	EN:
INDUSTRIAL SECTOR	TOTAL CHANGE	· PERSONAL CONSUMPTION	GOVERNMENT SPENDING	· CAPITAL INVESTMENT	INVENTORIES
Iron and steel Ron-ferrous metals Fabricated metals Chemicals Textiles Leather Lumber Paper products Industrial machinery Electrical machinery Transportation equipment Precision instruments Misc. manufacturing Construction Utilities	10.10 23.86 9.51 8.89 7.07 5.90 12.03 11.70 10.37 11.03 7.05 12.23 10.36 11.42	2.34 5.70 3.02 5.97 6.73 5.57 5.46 7.30 1.59 3.50 4.25 4.11 6.61 0.40	0.20 0.35 0.18 0.30 0.05 0.04 0.28 1.38 0.19 0.15 0.24 0.25 0.19	7.22 9.19 6.23 2.02 0.13 0.24 5.51 1.72 8.17 7.35 4.24 8.12 2.79 10.93 2.19	0.33 5.52 0.17 0.50 0.15 0.06 0.79 0.69 0.69 0.42 0.03 -1.68 -0.20 0.76 0.38
TOTAL CHANGE WEIGHTED BY GROSS FINAL DEMAND	9.76	5,83	0.84	2.31	. 0.29

APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

	- NI	SEIROLNEANI	'		0 4 6	-		ග ් 0		ຸດາ ເກ	0,65	C.	-2.62	ניז	1,22	C)	0.59	•	0 . 45
	T EDNAMO OF EUG	. CAPITAL INVESTMENT	ι	• •	3 ar 3 so • • • • • •	•		C 3			7.39	9.		'n	'n	02	6		2.54
	CHANGE IN CUTPUT	GOVERNMENT SPENDING	•	- c	0.11		٠ د	C.	۲.	ω	0.11	φ.	27 W * C ·	۴.	١	<u>ن</u>	Ç.		05.0
. ITALY CASE III		PERSONAL		•		3.49	0	Ci	٠	<u>٠</u>	σ.	2.04	<i>:;</i>	=1	ω •	Ç	9		3.41
		TOTAL	2 4 0		7.7	6.43	ړ.	υ,	9.56	0	•		ണ്ട ന •	ທຸ ອ	. 7	•	6.79	•	ກ ໝໍ້. ທ
Approved Fo	or R	INBUSTRIAL SECTOR	- 4	שבייה הווס וישבים ביים ביים ביים ביים ביים ביים ביים	ricated metals	omicals	X t 1.	Cowntrock	. Hec	12.1	ial mach	strical	asportation	sision instr	nurum .	struction	Utglities	CHANGE WE	

APPENDIK C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

Appr		FRANCE		•	,
•		CASE I			
	•		•		
•	•	· ·	PHOPHO NT BNEAD	は、	1. The state of th
DUSTRIAL SECTOR	TOTAL	PERSONAL	OVER	TAPICAL	INVENTORIES
on and steel	15.12	¢	C	Ç	(
rron	21.36) (•	ν ς	2.2.2 2.2.5 2.0.4
bricated metals :	18.27	3 W) (0)) (1)	 	י פ
emicals	19.20) 27) 4) (i	
다. 다.	12.87	0	٠	S.	· (A)
יי לון (נון נון נון נון נון נון נון נון נון נון	<u>.</u>	ς.,	4	: :: :: ::	· (*)
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r produ	29.05	٠.	ر.٠	(.1	Ö١
custral machinery	10.08 10.08	2.02	2.75	93.6	1.50
certer machiner		7.		·~ .'	w
isyon carton egato	10.11			۱ ۱ •	1
1101010		<u>,</u>	7	'n	CI)
c. marra	•			ر)	10.1
STruc	・ のけ。 かっ	, vo. r	2.65	±1.00 €	S
inties	19.07	10.40	•	CIC.	10
P Tere Change Weighted			!		
GROSS FINAL DEMAND	24.88	29.7.	13.26	3,25	оч С
•					-

APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

	SEINOUNEV	
, Z H	TAN	
DUE TO CHANGE	CAPITAL	2
CHANGE IN OUTPUT D	GOVERNYENT SPENDING	0.10 0.15 0.13 0.03 0.03 0.03 0.03 0.11 0.15 0.15
FRANCE CASE II	PERSONAL CONSUMPTION	2.02 2.02 2.03 2.03 2.03 3.03 3.03 3.87
	TOTAL	11.52 8.75 8.75 5.32 10.66 11.17 7.72 7.55
	JSTRIAL SECTOR	Contracted metals Conicals Conical machinery Conical machinery
Approved For F	kelease 2	082/02/19 北京 中央 19 19 19 19 19 19 19 19 19 19 19 19 19

APPENDIX C

PARTIAL SECTOR OUTPUT RESULTS BY COUNTRY, CASE AND DEMAND COMPONENT

•			:	-X-	INVENTÖRRES	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 00 1/4
ENEROMENE.			٠	DUE TO CHANGE	CAPITAL	1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.32
ENT CASE ANE LA				CHANGE IN OUTPUT	GOVERNMENT	0.23 0.23 0.02 0.05 0.05 0.05 0.05 0.05 0.05 0.05	\$5.0
	FRANCE	. CASE III			· PERSONAL CONSUMPTION	2.72 3.11 2.67 2.67 6.03 6.03 1.11 1.11 1.11 8.52 8.52 8.52 8.52 8.52 8.73 8.53 8.73 8.73 8.73 8.73 8.73 8.73 8.73 8.7	1.22
	,	• •	···	•	TOTAL	10.66 13.51 10.27 5.337 10.27 11.90 11.90 17.71 17.36 8.48	8 .53
Appro	·	For	Rele	as	BODOSTRIAL SECTOR	INCON and steel Non-ferrous metals Cyemicals Trantiles Incorporation Sylvery Sylverical machinery Expectrical	TOTAL CHANGE WEIGHTED BY GROSS FINAL DEMAND

TAB D

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APPLEBIX D COMPLETE SECTOR OUTPUT RESULTS JABAR

CASE 1

	CHVANE	COMMENSATION DESIGNATION OF THE PROPERTY OF TH	CONTRACTOR DE L'ACTUAL DE L'AC	CAPITAL HATTHERD	INVESTIGETES
FRUITS, CROPS TYPE A	17.13	13,33	0.33	0.91	2.57
FRUITS, CHOPS TYPE B	50.04	25,52	0.76	5.41	18.35
- LIVESTOCK, EDIBLE	14.91	11.69	0.27	1.19	1.73
. LUMBERISS ·	33.89	6.19	0.47	24.26	2.98
TISHER LES	20.22 32.03	10.76	0.26		8.76
CONE, COAL PRODUCTS	27.50	1.65 6.93	* 0.14 *5.52	12.44	17 .80
. REPISED PRODUCTS	28.24		0.52 0.19	7.73	12.35
OTHER MINERALS CERANICS	24.39	2.16	0.16	18.70 - 19.29	7.08
MEAT, MEAT PRODUCTS	14.72		0.27	0.31	7.81 1.77
BARINE PRODUCTS	16.80	10.92	0.24	0.20	5.58
GRAINS	12.30	11,57	0.17	0.25	0.82
OTHER EDIBLES	20.02	12.17	0.30	0.52	7.04
BEVERAGES	11.91	10.23	0.93	0.73	0.12
TORACCO	12.39	11.82	0.00	0.00	0.58
PIG IRON, INGOTS	29.30 24.38	1.72 1.52	0.14	11.77	15.66
NON-FERROIS	42.42	3.57	$0.14 \\ 0.29$	11.08 13.17	11,23
FABRICATED SHAMES	33.97	2.82	0.18	11.73	25.40 19.24
PETRO- DE BASIC	29.92	6.05	0.46	5.15	18.26
SYN FIBUR PREDSTOCK	20.88	6.32	0.13	-1.76	12.67
STHER	30.33	8.59	1.31	2.63	18.30
RUBBER	19.55	3.87	0.29	5.98	8.40
NATURAL .	21.68	8.39	0.14	2.13	11.03
SYNTHETIC	19.59	7.38	0.13	1.97	10.09
FABRICS	22.35	8.31 9.10	0.12 0.22	1.97	B. 27
CLOTHING FURS LEATHER GOODS	22.40	8.73	0.22	1.70 2.02	11.83
FURNITURE	28.63	3.94	0.35	10.96	11.43 13.33
LUMBER	22.65	2.84	0.24	14.72	4.86
PULP PAPER	27.33	5.46	0.79	5.44	14.64
PACK B GING	23.05	6.15	0.70	5.67	10.54
OFFICE SUPPLIES	22.38	4.93	1.12	7.68	8.64
AGRI., INDUSTRIAL	29.83 34.22	1.16 2.45	0.11	15.41	13,14
ELECTRIC	19.25	2.23	0.12 0.27	11.39 11.19	20.25
TRANSPORT : PRECISION INSTRUMENTS	28.45	5.70	0.27	5.44	5.55 17.03
BISC. HANGFACTURE	25.36	5.77	0.32	6.31	12.96
CIVIL ENGINEERING	20.30	0.00	0.0	20.30	0.0
BUILDING	19.90	1.11	. 0.09	19.15	0.55
GAS	15.95	8.55	0.47	3.51	3.42
ELECTRIC POWER .	22.97 14.36	6.90	0.47	5.49	9.12
WATER, SENAGE	15.72	5.71 6 ₄₋ 54	. 2.75 0.37	2.66	2.95
TRANSPORT	19.09	6.71	0.66	4.69 5.85	4.12
WHOLESALE, RETAIL	19.18	6.92	0.26	6.32	5.87 5.67
PUBLISHING, PRINTING	18.17	7.58	1. 16	3.54	5.87
BRNKING	17.93	, 7,55	0.69	4.68	5.00
REAL ESTATE	12.26	11.52	0.03	0.34	0.37
RENTALS	20.03	6.12	0.76	5.66	5.48
: RESEARCH	11.35 8.60	11.77	0.07	0.0	y.0
PUBLIC SERVICES	13.33	0.40 6.29	7.10 2.56	, 0 • 53	0.56
OTHER INDISTRIBUTED	20.97	6.25	0.75	2.27 6.42	2.21 7.55
	20.45	5.99 .	0.72	_	£. 6.66

APPENDIX D COMPLETE SECTOR OUTPUT RESULTS JAMAN

CASE II

	27/13/17/ * CHANNE Y	Distriction of the District of	CANAGE	CAPITAL.	1	
FRUITS, CROPS TYPE A FRUITS, CROPS TYPE B LUMBERING FISHERIES COKE, COAL PRODUCTS PETRO PRODUCTS OTHER MINERALS CERAMICS MEAT, MEAT PRODUCTS MARINE PRODUCTS GRAINS OTHER EDIBLES BEVERAGES FOBACCO PIG IRON, INSOTS MILL PRODUCTS MON-FERROUS FABRICATED SHAPES PETRO-OR BASIC SYN FIBER FREDSTOCK OTHER RUBBER RATURAL SYNTHEFIC FABRICS CLOTHING PURS LEATHER SOODS FURNITURE LUMBER PACKAGINS OFFICE SUPPLIES AGRI., INDUSTRIAL ELECTRIC TRANSPORT PRECISION INSTRIMENTS	י מי מנ	9 02	0.55			
FRUITS, CHOPS TYPE B	34.13	15.36	. 0.35	0.58	2.03	
AUMBERING	22.00	7.03	0.51	15.42	*4*94 ,	
FISHERIES '	13,96	3.72	0.28	0.26	6.63	
CORD, COAL PRODUCTS	23.14	6.49	0.15	. 7.91	14.09	
PHYRO PRODUCTS	19.46	4.16	. 0.56	4.91	9.77	
CERAMICS	19.06	1.35	0.20	11.91	5.00	
MEAT, MEAT PRODUCTS	10.11	1.30 .	0.17	9.25	6.12	
MARINE PRODUCTS	11.31	6.51	0.20	0.20	1.49	
GRAINS	7.95	6.95	0.19	3.15	7.41	
DTHER EDIBLES	13.54	77.32	0.32	2.33	5.57	
BEVERAGES	7.51	6.15	0.09	0.47	0.10	
Dig ipan ruange	7.57	7.11	0.00	5.00	2.45	
RILL PRODUCTS	21.05	1.04	0.15	7.58	12.40	
NON-FERROUS	37.00	0.98	0.10	/,54 . 0 33	8.59	
FABRICATED SHAPES	24.57	1.69	0.20	7.45	20.10	
PETRO- OR BASIC	21.86	3.64	0.49	3.27	10.62	
SYN FIBER FREDSTOCK	15.59	3.80	0.14	1.12	10.03	
OTHER	. 22.73	5.18	1.41	1.62	14.48	
KUDBLK g	13.74	2.34	0.32	4.44	5.65	
SYNTHETIC	15.27	5.04	0.15	1.35	8.73	
FABRICS	12.03	5.00	0.14	1 25	7.98	
CLOTHING PURS	16.15	5.48	0.23	1.08	2.27	
LEATHER 3000S	15.61	5.25	0.23	1.29	9.04	
FURNITURE	20.30	2.37	0.38	6.95	10.59	
PULP PAPER	15.16	1.71	. 0.25	9.35	3.84	
PACKAGING	19.78	• 3,88 •	0.45	3.46	11.59	
OFFICE SUPPLIES	15.90	2.96	1.21	3.0V 1.88	5,34	
PACKAGING DEFICE SUPPLIES AGRI, INDUSTRIAL ELECTRIC TRANSPORT PRECISION INSTRUMENTS HIST. HANDEACTURE CIVIL ENGINEERING BUILDING GAS ELECTRIC POWER WATER, SEWAGE TRANSPORT COMMUNICATION WHOLESALE, RETAIL PUBLISHING, PRINT. BANKING	21, 31	0.70	0.12	9.79	10.40	
ELECTRIC	24.87	1.47	0.13	7.24	16.02	
TRANSPORT	13.15	1.36	0.30	7.11	4.39	
RIST BLUTBARNERS	20.57	1.43	0.31	3.46	13.47	
CIVIL ENGINFERING	10.09	3:47	0.35	4.01	10.25	
BUILDING	12.73	0.67	0.10	11 53	0.0	
GAS	10.58	4,14	0.51	2.23	.0.44	
ELECTRIC POWER	15.99	4.15	0.51	4.12	7.21	
WATER, SEWAGE	10.42	3.44	2.96	1.69	2.33	
COMMUNICATION	13.57	3,94	0.40	2.98	3.26	
REDLESALE, RETAIL	13.11	4.04	0.71 0.28	3.72	4.64	
PUBLISHING, PRINT.	12.70	4.57	1. 25	3.02	4.48	
BANKING	12.22	4.55	0.74	2.98	4.65	
REAL ESTATE	7.47	6.93	. 0.03	0.22	3.96 0.29	
RENTALS	13.87	3;69	0.82	4.23	5.13	
RESEARCH	7.17	7,09	0.08	3.0	0.0	
PUBLIC SERVICES OTHER	8.59	0,24 3,79	.7.66 •2.76	0.34	0.45	
DISTRIBUTED	9.74 14.62	3,79	0.81	1.44 4.08	1.75	
LABOR	14.15	3.60	0.77	4.50	5.97	
				77 70	. 5.27	

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APPENDIX D COMPLETE SECTION OUTPUT RESULTS

PARAM

Case III

		•			
•	20197	PERSONAL.	Calantin sirie relative bee		
•	CH7.15.33	COMMUNICA		CAPATAL TO THE TOTAL	715535444
•	*** * ** * ***		**************************************		DESCRIPTION OF THE PROPERTY OF
		•			
No. 44 mag.			•	•	
FRUITS, CROPS TYPE A	13,35	11.29	0.39	0.54	1.13
FRUITS, CIDPS 5 YEE B	33.50	21.63	0.00	3 00	8.08
LIVESTORE, EDIBLE	111.70	9.99	0.32	č. 75	2.79
FISHERIES	121.45	5.24	0.56	14.34	1.31
	.13.55	9.15	0.31	0.70 14.34 0.24	3.86
COKE, COLL PRODUCTS		1.40	0.16	7.35	7 . 84
REPIRED PRODUCTS	16.47	5.85	. 0.65	4.57	5.44
OTHER EINEFAUS CEMANICS	15.31	11,90	.0.33	11 02	3.11
MEAT, BUT PRODUCTS	13.89	1.85	0.19 0.32 0.79 0.20 0.36 0.98	9.42	3.114
HARINE IRODUCTS	11.77	10.48	C + 35	0.13	0.78
GRAINS	12.03	18 .	0.79	2 0.12	2.46
OTHER FDIBLES	10.51	9.79	6.56	2.15	0.36
BEVERAGES	.14.37 10.13	10.31 10.68	0.00	0.31	3.10
BEVERAGES TOBACCO	10.27	10.00	0.90	20.43	2.05
PIG TROS, INGOES	15.18	$\begin{array}{c} 10.01 \\ 1.46 \end{array}$	C. 17	0.02 6.96	¢.25
MILL PRODUCTS	15.48 13.03	1.38	0.15	5.55	6.9? 4.95
PIG Thom, INGOES HILL PRODUCTS NOW-FERROUS	22.32	3.02	0.33	7.79	11.18
FABRICATED SHAPES	18.00	2.39	0.22	5.93	8.47
PETRO- DR BASIC	15.75	5.13	0.54	3.04	9.24
SYN FIBER PEEDSTOCK	12.13	5.34	0.15	1.04	5.58
OTHER	18.44	7.29	1.55	1.55	8.06
RUBBER	11.76	3.28	0.35	4.13	3.70
NATURAL SYNTHETTS	13.38	7.11	0.16	1.26	4.85
PABRICS	12.03	6.27	0.16	1. 15	4.44
PABRICS CLOTHING FURS LEATHER COORS	11.99	7.04		1. 16	3.64
LEATHER GOODS	14.18	7.73 .	0.26	1.01	5.21
FURNITURE	13.88 16.12	7.40 3.34	0.25 0.41 0.28	1.20	5.23
LUMBER	13.50	2.43	6.20	6.4? 8.70	5.89
PULP PAPER	13.52 15.06	5.47	0.93	3.22	2.14
PAC KAGI NG	14.03	5.21	.0.83	3, 35	6.45 4.64
OPFICE SUPPLIES	13.86	4.18	1.33	4.54	3.80
AGRI., INDUSTRIAL	.15.01	0.99			5.78
ELECTRIC	17.87	2.08	0.15	5.73	8.91
TRANSPORT	, 11.2B	1.91	0.32 0.34	6.61	2.44
PRECISION INSTRUMENTS	15.88	4.82 4.89	0.34	3.22	7.50
MISC. HANDFACTURE CIVIL ENGINEERING	14.71		0.38	3.73	5.70
	12.00	0.00	0.0	12.00	0.0
BUILDING	.12.02 11.38 •	0.94	0.11	.13.73	0.24
	14.25	7.24 5.85	0.56	2.08	1.50
WATER, SEWAGE	10.96	4.83	3.25	3.83	4.01
TRANSPORT	13.56	5.55	0.44	1.57 2.77	1.30
COMMUNICATION	12.51	5.69	0.78	3. 45	1.82
SHOLESALE, RETAIL	12.42	5.87	0.31	3.74	2.58 2.49
PUBLISHING, PRINTING	12.49	6.44	1. 37	2.09	.2.59
BANKING	12.19	6.40	0.82	2.77	2.20
REAL ESTATE	10.16	9.77	0.03	0.20 \$	0.16
RENTALS	12.88	5.19	0.90	3.94	2.85
RESEARCH	10.07	9.98	0.09	0.0	0.0
PUBLIC SERVICES	9.31	634	8.41	0.32	0.25
IDISTRIBUTED OVER FOR Release	as ę 2002/02/1	19 : ÇIAŞ-IRDP8	6 T0006 08R00	0060004004	2-70.97
	13.30 13.05	5.30	0.89	3.87	3.32
	13.03	5.07	0.85	4.19	2.93

APPENDIX D COMPLETE SECTOR OUTPUT RESULTS UNLIED_STATES

CASE 1

•	MANAY.		GOVINGER IN FPELOTOR	CAPTIAL INTERMEDIA	Inverseurs			
LIVESTORS AND DECOMPOSE								
LIVESTOCK AND PRODUCTS OTHER PARK PRODUCTS	9.39	- 1	0.02).1 5	2.67			
FUNDSTRY AND FIGURRY DEGREES	12.83		-0.02	0.20	6.74			
WORKE CONTINUE AND	11.13		-0.00.	2.61	3.10			
PERPOUS DRES NOR PURSOUS DRES			0.04	0.74	4.53			
NOW PRUSOUS ORES	24.65 21.41 15.49	3.21	0.32 0.60	6.62	13.92			
COAL 213133	15.49	3,86		5.48	12.11			
CRUDE, NITURAL BAS	13.19 10.74 11.82	5.76	. 0 . 17	1.51	10.93			
REFINED PRODUCTS STORE AND CLAY	10.74		1 11.	9.87	4.23			
STOUR LUD GLIV DOOLLER	11.82	. 2.35	0.16 0.32	5.44	3.72			
STONE AND CLAY DRODUCTS FERTILIZES MINERALS	12.78	2.35 1.59	C 30	6.87	3.93			
GLASS AND GLASS FRODUCTS FOOD AND KINDRED PRODUCTS	11.78	3.79	0.28	1.33	6.45			
FOOD AND KINDRED PRODUCTS	10,35	5.00	0.16 0.02	1.64	3.55			
1784000	0 25		0.02	2.10	1.89			
TOBACCO IRON AND STEEL	15 37	6, 23	0.00	Ŭ * C:#	3.58			
KON FERROUS KETALS	15.47	2.71 2.68	0.30		7.45			
NON FERROUS METALS METAL CONTAINLES	11.53	2 • 0 0 5 - 0 1	0.38 · 0.09	5.18	9.29			
HEAT, PLUNG., STRUCK, SHIPPS	11.53 12.12	5.91 0.94	0.63	2.52				
	11.52	3.56	0.25	7.92 35 ، ني	2.86			
OTHER PARRICATED SHAPES CHEMICALS	11.52 12.39	3.56 3.29	0.28	3.89				
DIACTOR AND CHARACTER	11.39	4,33	0.27	1.11	5.44 6.18			
PLASTICS AND SYNTHETIC NATERIAL.	5 10.59	4.95	2.15	1.27	4.21			
DRUGS, CLEASING, TOTTET PREFARA	7 9.17	ნ. აი	0.11	0.15	2.91			
PAINTS AND ALLIED FOODUCTS RUBSER AND MIST. PRODUCTS	12.65	3.52	0.31	3.25	5.77			
FIBERS TYRUS IND PLANTED	10.63	4 • 84	0.19	1.88	3.73			
FIRERS TARRS AND PARRICS HISC. FABRICATED TEXTILES HISC. TRITILES, FLOOR COVERINGS CLOTHING. FREE	12.21	6.24	0.27 2.15 0.11 0.31 0.19 0.07	0.39	3.21			
MISC. TEXTILES, FLOOR TOVERLYS	12 17	. 2.12	0.12	0.60	1,90			
CLOTHING, FURS TANNING, INDUSTRIAL LEATHER FOOTHERP, CTHER LEATHER	8.60	5.92	0.09	1.31	4.74			
TARBING, INDUSTRIAL LEATHER	7.18	6.60 6.68	0.02	0.08	1.90			
	7.47	6.67	0.03 0.01	2.22	0.27			
	8.52	5.05	0.07	0.07 0.99	0.71			
OTHER FURNITURE, PIXTURES	13.45	0.98	0.27	9.50	1.51 2.71			
Digital	13.28	2.67	0.27 0.34	5.67	4.60			
PAPEREDIAN	12.20		0.19	1.19	5.46			
WOODEN CONTAINED	13.45	5.45	0.14	1.09	3,77			
OFFICE SUPPLIES	11.27	. 4.98 4.17	0.17	1.49	4.63			
ENGINES, TURBINES	13 55	4.17	0.44	1.25	1.72			
OFFICE SUPPLIES ENGINES, TURBINES FARY MACHINERY	26.16	1.91	0.38	4.32	6.85			
COSST., MINING, DIL PIELD EQUIPME	11.44	0.81	0.04 0.18	10.30				
CONST., MINING, DIL PIELD GOUPING MATERIAL HANDLING MATERIAL HORIZON METAL WORKING MATERIALY TO SPECIAL LYDISTEY WOOLK WORK	13.90	0.61 0.87 1.47 1.17	0.10	7.44	3.01			
AREAR ROSKING HACHINERY	16.37	1.47	0.18 0.19 0.06	9.22 9.13	3.59			
	14.46	1, 17	0.06	9.26	6.27 3.98			
GENERAL INDUSTRIAL MACHINERY BACHINE POOLS	15.02	1.54	0.23	7.04	6.21			
COMPUTER, OFFICE MACHINERY	14.56	2. 21	0.49	3.67	8.19			
VENDING MACHINES	14.54	. 0.86	0.23	9.48	4.96			
INDUSTRIAL ELECTRICALS	13.76	1.83	0.19	7.10	4.64			
HOUSEHOLD ELECTRICALS	13.33	1.45	0.30	7.17	4.91			
LIGHTING AND WIRING	11.48	5.54 - 2.99	0.07	1.31	3.48			
THERTIUGE CHMCS DRA VT .OIDAR	13.04	2.56	0.29	4.38	3.82			
COMPONETS	13.99	2.34	0.61 0.58	2.80	7.07			
NISC.	10.80	3.75	0.25	2.83	8.24			
HOTOR VEHICLES	7.11	3.89	0.11	3.10 4.46	3.70 -1.34			
AIRCRAFT	23.50	0.34	0.92	2.29	20.04			
OTHER TEANSPORE MADRINERY	13.72	1.87	0.33	6.78	4.75			
SCIENTIFIC AND CONTROL GOVERNMENT	11.89	02/40 2.33	Doc Thomas	Bookenho 40	043.90			
Approved For Releas	Approved For Release 2002/02/19 : CIA-RDP86T00608R000600040042-7							

APPENDIX D
COMPLETE SECTOR OUTPUT RESULTS

UMITED STATES
CASE I CONT.

	ACHARAI)	Programme, Connection	GOVERNUERP CHIEDINI	CAPITAL ILAUSHMEAT	REPROBES	
PRINTING, PUBLISHING BARKING, INSURANCE REAL ESTATE, PENTALS AUTO REPAIR MEDICAL, EDUCATIONAL SERVICES HOTELS, PEPSONAL SERVICES BUSINESS SERVICES STATE ENTERPRISES BUSINESS TRAVEL ENTERTAL MERCUP	7.35 8.35 9.07 8.27 8.86 8.43 10.10 7.65 7.73 6.41 7.21 8.21 8.10	3.73 5.85 7.50 0.56 0.0 4.16 5.58 5.00 4.57 6.12 6.01 5.66 6.19 4.57 5.40 4.63	0.26 0.09 0.31 1.36 0.48 0.48 0.16 0.26 0.26 0.27 0.07 0.09 0.09 0.16 0.26	3.26 1.14 -4.35 0.28 9.95 0.96 1.64 1.76 1.83 1.01 0.64 0.89 0.08 1.99 1.00 2.38	3.21 2.84 -0.59 3.55 0.0 1.76 1.69 2.59 1.32 2.22 1.38 0.83 1.08 0.81 0.55 2.23 1.55 2.23	
AMUSEMENTS LABOR	9.87	5.95 4.48	0.09	0.55 2.35	-0.37 2.82	

APPENDIX D COMPLETE SECTOR OUTPUT RESULTS UNITED STATES.

CASE: 11

•		•			
	mmar.	PHECOUNT,	COMPRESSION	CALLIANT	
	CHANGE		SPIEDIN		INVENIORIES
	21111111111				
•	•	•			
LIVESTOCK AND PRODUCTS	5.95	5,58	0.00	0.11	0.27
		5.04	-0.00	0.14	0.69
OTHER PARM PRODUCTS PORESTRY AND PLEMERY PRODUCTS	8.20	5.81	-0.00	1.87	0.32
AGRICULTURAL SERVICES	5.96	4.46	0.00	0.53	0.46
NORTH OPICIAN SERVICES					11.43
FERTO'S DE RE	9.40.		0.02	3.93	1.24
NO PROUS ORES	7.94	2.79 3.30	0.31	4 00	1.12
COA	5.50				- ·
CRUDE, HATURAL GAS	5.15	4.86	0.01	0.62	0.65
REFIRED PRODUCTS	5.71	6.7.2	0.01	0.59	. (.44
REFIRED PRODUCTS STONE AND CLAY	6.29	2.00	0.02	3.89	0.39
STORE AND CLAY PRODUCTS	5.70	1.36	0.02	4.92	υ. μυ
FERTILIZER MINERALS	4.80	3.17	0.02	0.95	2.66
FERTILIZER HINERALS GLASS AND GLASS PRODUCTS	4.60 5.81	4.25	0.01	0.95 1.17	0.36
FOOD AND KINDRED PRODUCTS	5.90	5.63	0.00	0.07	0.19
	5.70	5.31	0.00	/ 0.03	0.37
TOUACCO IRON AND SPEEL	6.58		0.02	3.58	0.76
NON PERSONS METALS	6.98	2.29	0.02 0.02	3,71	. 0. 65
HETAL CONTAINERS		5.04	0.01	- 0.37	0.51
	5.94		0.03	5.67	C.29
HEAT, PLUMB., STRUCT. SHAPES	6.79	0.80	0.02	2.40	0.46
STAMPINGS, SCREWS, BOLTS	5.91	3.04			
OTHER FAURICATED SHAPES CHEMICALS	6.16	2,91	0.02	2.78	0.56
	5.14	3.70	0.02	0.80	0.63
PLASTICS AND SYNTHETIC MATERIALS	5.58	4.23 5.12	0.01	0.91	0.43
PLASTICS AND STRUCTLE MATERIALS DRUGS, CLEANING, TOILET PREPARAT DRIFTS AND STITTED STRUCTS	5.53		0.01	0.11	0.30
PAINTS AND ALLIED PRODUCTS	5.94	3.00	0.02	2.33	0.59
RUBBER AND SIST. PRODUCTS	5.94 5.86	4.13	0.01	1.34	0.39
	5,94 5,57 6,48	5.32 4.94	0.00	0.28	0.34
FIBERS , YARNS AND PADRICS MISS. PABRICATED TEXTILES	5.57	4.94	0.01	0.43	0.18
MISC. TEXTILES, FLOOR COVERINGS	6.48 5.88	5.05	0.01	6 00	0.49
CLOTHING, FURS	. ភ. ភ. ភ.	5,63	0.00	0.06	0.19
minuted recharation contains	5 07	5.69	0.00	0.14	0.03
TARRING, INDUSTRIAL LEATHER PRODUCTS	5.07	5,69	0.00	0.05	0.07
POOTHERR, OTHER LEATTER PRODUCTS	5 3 6 3 %	5 07	0.00	0.71	C.15
FURNITURE	5:94		0.00 0.00 0.02	0.71	2.28
OTHER FURNITURE, FIXTURES	7.93	0.84	0.02	5.85	
LUMBER .	6.83	2.29	0.02	4.06	0.47
PAPER	5.99	4.57	.0.01	0.85	0.56
DAPER BOAR D	5.93		0.01	0.78	0.39
NOODEN CONTAINERS -	5.80 -	4.25	0.01		0.47
OFFICE SUPPLIES ENGINES, TURBINES FARM MACHINERY	4.65	3.56	0.03	0.89	0.18
ENGINES, TURBINES	5.44	1.63	0.02	3.09	0.70
FARM MACHIBERY	9.57	0.65	0.00	7.38	1.54
-CONST., HINING, DIE FIELD EQUIP MATERIAL HANDLING MACHINERY	6.34	0.69	0.01	5.33	0.31
MATERIAL HANDLING MACHINERY	7.73	0.74	0.01	6.60	0.37
METAL WORKING MACHINERY	7.74	1.26	0.01	5.83	0.64
SPECIAL INDUSTRY MAZHINERY	8.354	0.99 .	0.00	6.64	0.41
GENERAL INDUSTRIAL MACHINERY	7.01	1, 31	0.01	5.04	0.63
•	5.38	1.88	0.03	2.63	0.84
MACHINE TOOLS	7.33	0.73	0.01	6.08	0.51
COMPUTER, OFFICE MACHINERY					0.47
VERDING MACHINES	7.13	1.56	0.01	5.08	0.50
INDUSTRIAL ELECTRICALS	6.39	1.23	0.02	5.14	0.36
HOUSEHOLD ELECTRICALS	. 5.03	4.73	0.00	0.94	0.30
LIGHTING AND WIRING	6.10	2.55	0.02	3.14	
THERRIPS CHMCD DRA VT .CXDAR	4.95	2. 18	0.04	2.00	0.72
COMPONETS	4.91	2.00	0.04	2.03	0.84
HISC.	5.81	3.20	0.02	2.22	0.38
MOTOR VEHICLES	5.38	3.32	0.01	3.20	-0.14
AIRCRAFT Approved For Release	e 20,02/0				042-72 • 05
OTHER TRANSPORT MAJHIRERY	6,95	1.59	0.02	4.86	0.49
SCIENTIFIC AND CONTROL EQUIPMENT	5.58	1.99	0.02	3.06	0.50

APPENDIX D COMPLETE SECTOR OUTPUT RESULTS [huled_States Case_11_cont_

	JOINT.	PERSONAL CONSUMPTION	COMPRES UPAP		marnones
OPTICAL INSTRUMENTS	5.86	3.18	0.02	2,33	0.33
	5.10		0.01		
	3.24		0.02		
ORDINANCE AND ACCESSORIES	1,12		0.08	0.20	
CONSTRUCTION	7.08		0.03	7.05	0.0
REPAIRS		3.55	0.03	0.68	
UTILITIES	5.59				
TRANSPORT SEPTICES	5.36		0.02	1, 18	0.26
COSMUNICATION	5.67		0.01	1.26	
RADID, TELEVISIDS	5.44	3.90	0.02	1.30	
WHOLESALE, PETAIL	5.92	4.78		0.99	
	5.37	4.24	0.02	0.72	. • .
BARKING, INSURANCE	5.75	5.22	0.00		
REAL ESTATE, PENTALS.	5.82	5.13	0.00		2.11
STAFES CIUA	5.78	4.98			
REDICAL, " 'CAPIONAL SERVICES	5.25	5.17	0.01	0.06	
HOTELS, P DEAL SERVICES	5.61	5.28	0.01.		
BUSINESS SERVICES	5.45	3.59	0.02	1.31	
FEDERAL ENTEPPRISES	5.55	4.61	0.01	2.78	
STATE ENTERPRISES	5.46	4.57	0.01	20.72	
BUSINESS TRAVEL ENTERTAINMENT	5.97	3.95	0.01	1.70	
AMUSEMENTS	5.44	5.08			-0.04
FYROE	5.81	3. 92	0.01		0.29

APPENDIX D COMPLETE SECTOR OUTPUT RESULTS

MEST GENNAUY

CASE I

	CHANNE	PERSONAL COURTMERICH		CAPITAL INVESTMENT	INVESTOREES
• • •					
POODSTUFFS	11.10	6.47 2.59 4.66	-0.05	. 2.67	4.01
COAL	14.34	2.59	-0.09	2.40	9.44
EBPINED PETRO, PROD.	11.02	4.66	-0.31	. 3.53	3.14
CEMERT, PLATTER	13.19	1.55 4.88	-0.09	7.15	4.59
HEAT, MEAT PRODUCTS	5.07	4.88	-0.04		6.98
DAIRY ERODUCTS GRAINS	. 5.75	4.88 4.59 4.75 4.32 4.46 3.97	-0.02	C.21	0.93
00010	7.43	4.75	-G.03	0.34	2.37 11.15
SUGAR CONFECTIONS	15.95	4.32	-c.ûu	0.52	11.15
LUVUSIAND	. <u>5</u> .11	4.46	-0.03	0.32	0.36
BEVERAGES TOBACCO	5.19	3.97	-0.05	0.70	1.57
	(4 2 .3	3.34	(0.50	3.22
PIJ ISOS, INGOES	12.31	1.34	-0.08	5.14	5.92
10020213	14.97	1.11	-0.03	6.05	7,90
PARDITINGS OFFERN	22.58	3.23	-0.03 -0.09 -0.09 -0.13	7.94	11.60
PETRO- OR BASIC	13.71	1.72	-0.08	4.44	
ntightes	8,93	2,66	-0.12	2.07	4.36
RURATE	9.86	1.59	-0.12	4.74	
PIG INDE, INDOPS FOUNDRY PRODUCTS NON-PEPEDUS FABRICATED SHAPES PERRO- OR BASIC PLASFICS RUBBER FIBURS, FARM, FABRICS CLOTHING FURS SKINS, HIDES	13,22	2, 32	-C. 11	3.01	5.00
CLATHING PURE	11.13	4.35	-C.04	Q. 83	5.99
SKINS, HIDES	7.12	4.27	-C.US	J. 15	2.73
חייאים	. 19.15	4.59	-5.06	1.09	8.55
ROOM PROGUETS	0.92	4.34	-0.34	0.14	2.48 3.93
PHI. P. 2/222	* 10.31	2.54	-0.04	4.59	3.93
AGRI., INDISTRIAL	11.23	3, 13	0.17	3.04 7.16	5.01
PL PTTO 17	12.02	0.80	-0.17	7.16	4.24
MOTOR VESTOR	13.76	1.58	-0.05	5.31 .3.58	3.93 1.83 7.12
RETURNITUDE CONTR	. 0.74	1.35	-0.04	. 3.58	1.83
PRECISION INSPONMENTS.	(3,45)	. 0.54	-0.19	5.98 4.54	7.12
SRINS, HIDES OTHER ROOD PRODUCTS PULP PAPER AGRI., INDUSTRIAL ELECTRIC MOTOR VEHICLE RAIL ROLLING STOCK PRECISION INSTRUMENTS.	6.15	1.38	-9.64	4.54	2.29
CONSTRUCTION	12.75			2.84	2.72
CONSTRUCTION UTILITIES	9 (0	0.24	-0.03	11.15	1.38
TRECERBATE NEITALIBRE	6.75	3.00	-0.13	2.55 2.12	3.19
COMMUNICATION	5 30	2.02	-0.07		
WHOLESALE, REPAIL	· 6. 76	2 21	-0.09	1.41	
			-0.06	2 . 20	1.41
BANKING	5 26	3.53		1.95	
POSCISATION, PRINTING BANKING BANKALS LOCATION HEALTH OTHER DOCATION LOCATION OTHER LOCATION	5.40	3.66	-0.08	1.50	1.31
EDUCATION	~3.30	0.34	-V.U/	0.96 0.03	
HEALTH	3.46	3.62	~ 1. 19 ~0 21	0.03	0.03
OTHER	1.50	1 20	-0.21 -0.05		
DONESTIC	3.3	3.66 0.34 3.62 1.28 4.30	0.0	3. 81	0.45
* * * * * * * * * * * * * * * * * * *	4 • 3 v	7. 3V ex	U. U	0.0	0.0

Approved For Release 2002/02/19 : CIA-RDP86T00608R000600040042-7

MUST GRENARY

Case 11

•	TOWNS:		ONE TOTAL	Capital Historient	INVENORUS	
FOODSTUFFS COAL	8.47	6.62 2.65	0.52	0.07	1,68	
COAL	7.08	2.65	0.22	9.26	3.95	
REFINED PRINC. PROD	1.19	4.//	U • 7.5 ·	U . 10	1.31	
CEMERT, PLASTER MEAT, MEAT PRODUCTS	4.48	1.58	0.21	0.76 0.03	1.92	
MEAT, MEAR PRODUCTS	5.52	4.99		0.03	0.41	
DATRY PRODUCTS			0.05	0.02	0.81 0.99	
GRAINS SUGAR CONFECTIONS BEVERAGES TOBACCO PIG IRON, INGOES FOUNDER, PRODUCTS	5.96	4.86 -	0.07	0.04	0.99	
SUGAR	9.25	4.42	0.10	0.06	4.67	
CONFECTIONS	4.82	4.57	0.07	0.03	0.1 5	
BEVERAGES	4.91	4.00	0.11	0.08		
TOBACCO	5.51	4.03 1.37	0.08	0.05		
PIG IRDN, FNGORS	4.50	1.37	0.18	0.55		
FOUNDRY PRODUCTS .	5.29	1.13 3.31	0.21	0.60	3.31	
NON-1 BREDJS	9.45	3.31	C.44	0.85	4.85	
FABRICATED SHAPES PETRO- OR BASIC	5.29 9.45 4.18 5.05	1.76	0.18 0.28	9.53	1.77 1.83	
PETRO- OH BASIC	5.05	2.73		0.22	1,83	
PLASTICS RUSSER FIBERS, YARR, PABRICS CLOTHING FURS SKINS, HIDES OTHER	3.95	1.63 2.37	0.29	0.51	1.53 2.09	
ETUTUS VALUE TRANSPORT	5.05	2.37		0.32	2.09	
TIDERS, TARR, FABRICS	7.11	4.45	0.09	2.09	2.51	
SKING NIPEG	5.55	4.37	0.12	0-02	1.14	
SKINS, HIDES OTHER WOOD PRODUCTS PULP PAPER AGRI., INDUSTRIAL ELECTRIC HOLOR YEALCLE	8.55	4.70	0.15	0.12		
PAAN DRANGERS	5.60	4.44	0.10	0.02	1,24	
PHID DADED	4.79	2.60	0.10	0.49	1.60	
AGRI TUDUSPOTAT	. 0.03	3.20 0.82	0.40	0.32	2,12 1,77	
ELECTRIC	376	0.62	0.41	0.78		
HOTON VENICLE	3.94	1.62	0.11	0.57	1.64 0.77	
ELECTRIC HOTON YEHLCLE RAIL ROLLING STOCK PRECISION INSTRUMENTS	4.53	1, 39	0.09	2 (1)	2 22	
PRECISION INSTRUMENTE	3.00	0.56	0.45	0.48	0.96	
MISC. NANDEACTURE	0 61	2 11 .	0.07	0.40	1 10	
MISC. NANDFACTURE CONSTRUCTION	2 10	0.25	C.05	1.19	1,14 0.58	
CONSTRUCTION UTILITIES TRANSPORT	2.08 5.05 .3.68	315		0.27	1.33	
TRANSPORT	3.45	2.58	0.17	0.23	C. 91	
COMMUNICATION WHOLESALE, RETAIL	4.45	3.57	0 2 2	0.15		
WROLESALE, REPAIL	4.25	3.28	0.15	0.23	0.59	
· PUBLISHING, PRINTERS	11 22	2 66	0.56	2.21	0.90	
BANKING RENTALS EDUCATION HEALTH	4.50			Ր. 16	በፍፍ	
RENTALS	4.38	3.74	0.19	0.10	0.36	
EDUCATION	3.21	0.34	2.85	2.00	0.01	
HEALTH	1.22	0.34 3.70	0.50	0.00	0.02	
OTHER .	3.61	1.31	2.02	0.09	0.19	
HEALTH OTHER .	4 . 4 0	3.70 1.31 4.40	0.0	0.0	0.0	

APPENDIX D COMPLETE SECTOR OUTPUT RESULTS MEST_SERMANY

CASE III

	CHARGE	DESCRIPTION	COMBESSIN	TAPTTAL	INVITUORIES
FOODSTUFFS COAL	12.50	9.03	0.16	0 50	2 (1)
COVI	13.52	3 65		0.50	3.04 9.04
REPIRED PETRO. PROD.	14.72	6.51	Ö.28 O.94	2.60	3.01
CEMENT, PLASTER	13.00	2 16	0.27	5.27	4.40
REPINED PETRO. PROD. CEMENT, PLASTER BEAT, MEAT PRODUCTS DAIRY PRODUCTS GRAINS SUGAR CONFECTIONS BEYERAGES	0.00	6 81	0.27	0 18	0.94
DAIRY PRODUCTS	5 - 13 7 - 1. c	6.41	0.12 0.07	0.18 2.15	0.99
GRAINS	0.00	6.63	0.09	0.15	2 22
SUGAR	17 77	6.63	0.09 0.13	0.4.6	2.27 10.68
Confections	(00	6 23	0.13	0.23	0.34
BEYERAGES TOBACCO	7 71	5.50	0.09 0.15	0.52	1.50
TOBACCO	7.71 9.05 11.56	5.50	0 16	2.37	3.29
	11 56	1.47	0.10 0.24	3.79	
FOUNDER PRODUCTS	13.85	1.97	0 27	u uc	7.57
NON-PERROUS	22.04	4.51	0.57	5.05	11 11
- PADRICATED SUMPES	10.22	4.51	0.23	4.46 5.85 3.68	3 90
PETRO- OF BASIC	9.78	3.72	0.36	1.52 ± 3.50	4.19
PLASTICS	9 50	3.72 2.22 3.24	0.38	3.55	3.49
RUBBER	10.59	3. 24	0.34	- 2.22	4.79
FOUNDER PRODUCTS NON-PERBOUS - FABBICATED SUAPES PETRO- OF BASIC - PLASTICS - RUBBER - PIBERS, FABRICS - CLOTHING FURL	17 58	6.07		= 2.22 2.61=	5.74
CLOTHING FURL	8.35	5.96	0.15	0.12	2.62
SKINS, NIDES	15.50	6.41	0.20	C.80	8.19
OIRR ,	8.67	6.06	0.13	1, 11	2.39
ROOD PRODUCTS	10.73	3,54	0.13	3.38	3.67
PULP PAPER	11.93	4.37	0.52	0.80 0.11 3.38 2.24	4.82
AGRI, INDUSTRIAL	10.98	1.11	0.52	5.23	4.05
ELECTRIC	10.33	2.20	0.15	3.92	3 76
CLOTHING FURE SKINS, HIDES OTHER OTHER PULT PAPER AGRI, INDUSTRIAL ELECTRIC BOTOR VEHICLE RAIL EDLLING STOCK PRECISION LEST RIXENTE	6.41	1.90	0.11	2.64	1.76
RAIL BULLING STOCK	12.57	0.76	0.58	4.41	6.82
PRECISION INSTRUMENTS	7.60	1.92	0.14	4.41 3.35	2.20
hase, havepacture	7.55	4.24	0.09		2.61
PRECISION INSTRIMENTS HISC. HAVUFACTURE CONSTRUCTION UTILITIES TRANSPORT COMMUNICATION WHOLESALE. RUTAIL	9.97	0.34	0.14 0.09 0.08	8.22	1.33
WELLET US	9.62	4.29	0.39	1.89	3.06
- INANSCHIL	7.39	3.51 .	0 4 4 1	14.37	2.08
CONMUNICATION WHOLESALE, RETAIL	7.34	4.87	0.29	1.04	1.14
Ditter to the second	7.54	ય.વઇ	0.20	1.62	1.35
PUBLISHING, PRINTING	7.35	3,63	0.72	1.44	2.06
DEVELLE	7.52				
Philaren	6.86	4.92 5.10	0.23	1.11 2.71	0.82
DDITTUN	. 4.19	0.47 5.05	3.68	0.02	C.02
nea l'II	. 5.74	5.05	0.65	0.02	0.04
DUKEGELO	5.42	4: 79	2.60	0.59	C.43
BANKING RENTALS EDUCATION HEALTH OTHER DOMESTIC	6.00	.6.00	0.0	3.0	0.0

APPERDIX D

COMPLETE SECTOR OUTPUT RESULTS

MILLIAN KANSSON

Case 1

•					
	JOINT.	DEFINATOR	COMBRESH	CVLIAVI	
	CHARRIE	Children	SMARRING	· nwramaar	HAMMANAHIN
AGRICULTURE FISHING, FORESTRY	13 70	9.75	A 11	0.74	
FISHING, FORESTRY	13.79. 41.91	6,03	0.14	0.51	3.40
ORUS	49.37	17,19	0.70	3,35	32.45
COAL BIRING	-5.37	5.60	0.17	27.21	9.36
COKE				4.80	-16.85
11. C. 2 REFINED PETRO, PROD.	11.56	3.39 5.14	0.21		-14.41
CERMAICS	12.85		0.20 0.18 0.10	4.71	. 1.71
CENLAT	23.67	1.48	0.10 0.11	8.42	1.90
OTHER	19.62	1.57	0.11	15.69	5.47
OTHER DDIBLES	14.47	9.75	č. 67	15.83 C.18	1.51
OILS AND FARS	15.47 13.35	9.06	0.17	1.84	4.46
GRAINS .	10.62	7.67	0.05	0.39	2.29
CERDALS	13.37 10.67 10.14 42.51	7.77	0.07	3.26	2.50
SUGAR	42.51	19.10	0.09	3.20 C.74	2.74
CONFECTIORS	9.00	6, 15	0.01	0.05	22.56
D. 1 1.1 11 U.L.3	9.09	4.94	0.01	19.15	2.79 .
TOBACCO			0.00	0.02	
IV.A IRON, STEBL	1.05 12.93 27.56	1.96	0 12	4.5	-4.45 2.71
17. в поинтриивой	27.56	u 75	0 2.2	24 45	1.11
ALUSINUS	15.15	3.80	0.35	₹1.95 14.60	
ALUSINUS CANS, LOXOS	11.23	3.84 6.31	0.10	1.95	-3.64 2.86
OTHER NETAL GOODS V.A CHENICALS	12.61	2.49	C. 14	7.92	2.05
V.A CHENICALS	11.30	9.50	0.21	5.04	1.63
OTHER NATAL GOODS V.A CHENICALS SYNTHETIC FIBER FEEDSTOCKS PAINTS PHARMACUETICALS, FOILETRIES	12, 19	3.34	C.14	5.17	2,55
PAINTS	12.95	2.77	0.11	8.85	1.22
PHARMACUETICALS, FOILETRIES	6.85	3.62	0.31	0.24	2.69
RUBBER	8.58	3.62 3.60	0, 10	4.71	0.28
RUBBER MATURAL SYNTHETIC SPINNING, WEAVING KNITTED FINDSHING	4 . 61	3.93	0.24	0.51	0.34
SYNTHETIC	0. 22	3.93 5.49	0.05	1.05	2.64
SPINNING, WEAVING	8.25 9.17	6.48	0.10	1.58	0.69
KNITED	9.17	6.04	0.01	2.03	3.09
FIRISHING	0.56	5.24	0.06	1.95	-0.39
PIRISHING OTHER	9.92	6.04 5.24 5.02	0.27	1.99	2.84
CLOTHING FURS OLCG SHITKEL GOODS	8.1u	6.08	0.05	3.12	1.89
VI.D LEATHER GOODS "	8.74	5,49	0.73	0.62	2.61
FOOTWEAR	4.61	5.98	0.01	0.01	3.60
FURNITURE	9.96	4.79	0,13	2.67	2.37
LUNBER	34.57	4.79 4.07 7.67	0.13 0.21	25.32	4.96
VII.C PULP PAPER	20.68	7.67	0 11 0	7.91	4.71
		4.75	0.16	3.75	2.99
AGRICULTURAL .	14.59	0.55	0.ՈՂ	18.01	-3.99
MACHINE FOOLS .INDUSTRIAL ROTORS	23.36 6.38	4.19	0.03	23.09	0.05
ADDOSTRIAL MOTORS	6.58	0.56	0.06	12.85	-6.39
TEXTILE NACHINERY	13.03	0.93	0.01	11.08	1.00
PLANT BACHIVERY .	5.58 13.03 15.43	C.29	0.05	17.20	-2.11
10023	19.76	3.04	0.17	9.57	1.98
OTHER NON-ELECTRICALS	19.14	0.85	0.05	15.93	1.32
VIII.B ELECTRIC	19.55	1.01	0.08	14.81	3.64
OFFICE	29.19	0.49	0.04	35.26	-6.61
WIRES, CABLES	17.21	1.18	.C.15	13.85	2.04
RADIO, T-ZOM	17.87	1. 11	0.40	11.59	4.77
OTHER ELECTRICALS	10.96	3.66	0.13	5.06	2.10
HOTOR VEHICLES	11.59	1.91	0.04	7,31	2.33
OTHER VEHICLES	11.35	2.47	0.08	8.83	-0.03
SHIPS	9.46	0.65	0.52	8.45	-0.16
AIRCRAFT	15.80	0, 16	1.00	1.99	12.65
VIII.D PRECISION INSTRUMENTS		2.24	0.35	6.54	3.81
II CONSTRUCTION FOR Rele	ase 2002/0	2/193 .℃\$ A-RI	DP86 T0 0608	8R0 006 00040	0421751
LA. CONSTRUCTION	(1.60	1.00	0.11	19.64	0.84

APPENDIX D COMPLETE SECTOR OUTPUT RESULTS

United Emodem

CASE 11

•		··· · · ·			
AGRICULTURS FISHING, FORUSTRY	CHARGE.	CONSUMPRICA	Compactator	CAPITAL TIMESMESTE	INVERTORIES
ACM CHANGE OF		5.66			
VORI COLIORS	15.41	5.66	0.33	0.03 0.18	9.39 89.78
FISHING, FORESTRY	93.54	3.50	- C.18	0.18	89.78
	25.19	9.93	1.72	1 110	13 66
COME MINING	-43.01	3.50 9.93 2.50 1.97	0.42	1.48 0.26 0.42 0.26 0.46	-45.67
COSE	- 36 97	1.02	0.49	. 0.20	-45.6
II.7.7 Destroy prompo	hoon E of	2.00	0.114	3.42	- 39 . 86
CERARICS REFIRED PRINT.	PROD. 5.47	2.99 1.49	0.14	Ç.26	2.91
Citi. ((12C))	7, 10	1.49	9.25	0.46	4.97 14.93
Chinat	15.96	. Q ₹ 85	0.27	6491	14.44
CERABICS CEMENT OTHER OTHER EDIBLES OILS AND FATS GRAINS CERBALS SUGAR CONFECTIONS BEVERAGES TORACCO	6.23	C.91	C.27	0.86	4.18 12.37
OTHER EDIELES	18.18	5.60	C.17	0.01	10 39
OILS AND PARS	12.08	5.26	9.41	0.10	6 71
GRAINS	11.52	4.46	0.13	0.00	6.31 6.92 5.60 62.46
CEREALS	10 33	ti 5.1	0.16	0.02	5 . 47
SUGAR	72 23	11.00	6 22	0.61	5.64
COURTING	13.5%	11,07	7 . 6 .	G • OA	62.46
COMPRCIATION .	111.32	3.57	0.02	0.00	7.73
DEVERAGES	13.96	2,87	0.08.	0.01	11.06
TORACCO	-9.13	3.13	0.00	0.00 0.01 0.00 2.55	- 12 - 31
IV.A IROS, STEEL	3.94	1.14	0.29	4 3.55	1 06
IV.B NON-PERROUS	7.50	2.48	0.78	1 20	7.00
DEVERAGES TORACCO IV.A IRON, STEEL IV.B RON-PEAROUS ALUMIBUM CANS, EDXLS OTHER METAL GOODS V.A CHANITALS SYNTHETIC FIBER FEEDS FOCKS PAINTS PHARMACUETICALS, TOILETRIES	-6. 10	2 22	0.35	1.20	3,1,4
ALUNIBUM CANS, EDXES OTHER METAL GOODS V.A CHAMICALS	11 02	2.65	6 20	2.89	-10.07
OSHED PERMIT COURSE	11.30	3.00	0.24	- C.11 C.43	7.92
Olugu gelar Giole	7.90	1.45	0.34	C.43	5.68
V.A CHANICALS	7.92	2.61	0.51	2.27	4.52
SYNTHETIC FIBER FEEDSTOCKS	9.57	1.94	0.34	0.34	4.52 7.05
PAINTS	5.72	1:61	0.26	0.48 C.01	3.30
PHARMACUEFICALS, TOILETRIES	10.29	2, 10	0.76	C 01	7 65
RUBBER	3.35	2.09	0.24	0.00	0.94
NATURAL *	3.34	2.28	0.09	0.20	0.76
PAINTS PHARMACHEFICALS, TOILETRIES RUBBER NATUPAL SYPTHETIC SPINNING, WEAVING KNITTFD FINISHING OTHER CLOIHING PURS VI.D LEATHER GOODS FOOTWEAR FURNITURE LUMBER VII.C FULP PAPER PAPER PRODUCTS AGRICULTURAL MACHINE TOOLS	112 60	7 10	0.13	0.26 0.03 0.06 0.09	0.95
CELULTED CELUTES	10.07	3, 13	0.13	0.06	7.32
SETUATION REPAIRE	433	3.76	0.24	0.09	0.20
KNITTED	12.38	3:50	0.02	0.00	
FINISHING	2.22	3.04	C.14	0.11	-1 07
OTHER	11.04	2,92	0.16	0.11	7 86
FINISHING OTHER CLOTHING PURS	8.39	3, 53	0.12	0.11 0.01 0.03 0.00	F 72
"VI.D LEATHER JOODS	10.51	3.19	0.06	. 2 0 3	3.23
FOOTREAR	13 96	3.47	0.03	3.0.3	1. 22
FURNITORS	0.70	2 70	0.00	0.00	9.96
THEODO	1 3.79	. 2.10	0.52	0.15	6.50 13.73
EUHDER	17.99	2.36	0.52	1.38	13.73
ATT.C LAFS BYSEB	18,87	4.45	0.97	9.43	13.02
PAPER PRODUCTS	11,63	2.76	0.40	0.43 0.20 0.98 1.26 0.70 0.60 0.94 0.52	8 27
AGRICULTURAL MACHINE TOOLS INDUSTRIAL MOPOSS	-9.60	0.32	0.02	0.98	-11.C1
RACHINE TOOLS	1.58	0.32 0.54 0.17 1.76	0.09	1.26	0 12
INDUSTRIAL MOPORS	- 17 RG	0.32	0.15	7.20	10.00
TEXTILE MACHINERY PLANT MACHINERY TOOLS OTHER NON-ELECTRICALS	3.95	0.50	0.03	0.70	- 19 . 0 3
PLANT MATHIMPRY	-0 51	17	0.00	0.60	2. 78
TOOLS	-4.51	9 70	0.13	0.94	-5.84
AND SOLD BOOK OF TARREST AND A	5.17		0.41	0.52	5.48
OTHER HON-ELECTRICALS		* * . *	•••	C.92	3.64
VIII.B RESTRIC	11.67	0.59	0.20	0.81	10.07
OFFICE	15.97	0.29	0.09	1.92	-18.27
WIRES, CABLES	7.44	0.68	0.36	0.75	5.65
RADIO, T-COM	1 15.45	0.65	0.98		•
OTHER ELECTRICALS	8.53	2.13 •	0:32	2.63	13.20
HOTOR VEHICLES	8.04	1. 11		0.28	5.81
OTHER Venter se			0.09	0.40	6.44
OTHER VEHICLES	2.02		0.19	0.48	-0.09
SHIPS	1.66	C.38 ·	1. 27	0.46	-0.44
AIRTRAFT	37.63	0.09	2.43	0.11	34.99
VIII.D PRECISION INSTRUME	NTS 13.05	1,30	0.84	0.36	10.55
VIII.E MISC. MANUFACTURE	7.35	2.20	0.35	0.34	4.47
RCITCURTEROS XI	4.26	0.58	0.28		
1	,	V + 3 ()	V • 20	1.07	2.33

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APPENDIX D COMPLETE SECTOR CUIPUT RESULTS DUIRED English

CASE III

		سپ و بولمسا ده .	•	•	•
	TOTAL SCHARGE	POPONICAL CONTINUES TOS	CONFERENCE IN SPECIAL SECURIOR		77* // 7 707/17 / //
	• • • • • • • • • • • • • • • • • • • •	6 n. mm. mm. mar e 14 14 446	**************************************	31671201141111	DIMITMORTES
AGRICULTURE	12.11	£., 14	0.08	0.32	2.66
FISHING, FORESTRY	41.53	5,05			3,56
ORES	35.19	14.34	0.00	1.95	
COAL KINING COKE	33.19	14134	, 0.40	15.88	4.57
CORE	-15.57	2.19	Q% 1C	2.80	-17.66
II.C.2 ROFINED PETRO, DE	-7.60	2.01	0.11	0.55	- 15,11
CENTAINS BULLDED SELECT DE	70.8.23	4.31	0.10	2,75	1.25
CERTINE	9.00	2. 15	0.06	4.92	1.88
Children Children	16.79	1504	Ç., Ç.5	9.74	5.56
OTHER	12.21	1. 7.	0.06	9.24	1,58
CERAMICS CEMERT OTHER OTHER LDIBLES	13.65 11.15	A.14	0.00	0.11	4.68
UALD AND PAPS	11.15	7. 0:	C. 10	1.07	2.39
OKAT 0.3	9.32 8.85	1	0.03	2.23	
CEREALS .	8.35	6.52	0.04	2. 25	2.62
SUJAR	45.18	15.02	0.05	0.43	2.14
	8.12	5.15			23.67
BEV, ERAGES	8.42	4.14	0.00	2.03	2.93
TOBACCO			0.01	0.03	4.19
IV.A IRON, SPEEL	-0.06	4.40	0.00 6.07	, 0.01	-4.67
IV.B NOR-FERROUS	3.37	1.65	6.07	5.92	0.74
ALUMINUM	17.7:	3.59	0.18	12.81	1.17
CARS, BOXES	8.13	3.22	0.18 0.20	8.52	-3.82
Action DAYES	9.49	5.39	C.66	1.14	3.00
OTHER METAL GOODS	8.95	2.09	6.08	4.62	2.15
V. A CHEMICALS	9.54	3.77	0.12	2. 94	1.71
SYNTHERIC FIBER PERDSTOCKS	9.15	2.51	0.08	3.60	2.67
PAINTS	8.93	2.33	9,06	5 17	1.28
PHARMACUETICALS, TOTLETRIES	8.93 5.16 6.11	3.03	0.17	0.14	
RUBDER	6.11	3.02	6.05	2 26	2.81
KATURAL	3.97	3.29	0.02	2.75	0.29
SYNTHETIC	8.52	4.60	. 0.02	0.30	0.36
SPIKHING, WEAVING		5.44	2.03	0.61	2.77
KNITTED	6.51		0.05	0.92	0.09
23 M 2 CH 2 M 2	8.33 5.16	5.00	0.01	0.02	3.24
OTHER	. 5.15	4.60	0.93	1.14	-0.40
CLOPHING Pups	8.39	4.21	0.04	1.16	2.98
OTHER CLOTHING FURS VI.D LEATHER SOODS	7.is	5.10	0.03	0.07	1.98
FOOT WEAR	7.72	4	C.01	0.36	2.74
THUM THEN	8.80	5.01	0.01	0.01	3.77
FURNITURE	3.13	5.10 4.60 5.01 4.02 3.42	0.07	1.56	2.49
Lunber	23.52	3.22	0,12	14.78	5.20
VII.C PULP FAPER PAPER PRODUCTS	15:21	6.43	0.22	4.62	4.94
PAPER PRODUCTS	9.40	3.90	0.09	2.19	3.13
AGRICULTURAL HACHIRE TOOLS INDUSTRIAL HACTORS	5.31	0.46	0.01	10.51	-4.17
BACHINE TOOLS	13.70	0 . 15	0.02	13.48	
INDUSTRIAL HOTORS .	13.7(0.79	6 1.7	0.03	7.50	0.05
A BAATI GE MACHITY.RV	9.31	0.73	0.01		-7.21
PLANT NACHINERY	8.10	0.25		6.47	1.05
T001.5	10,31		0.03	13.04	-2.21
OTHER ROW-ELECTRICALS	12.26	2.55	0.09	5.59	2.08
VIII.B ELECTRIC		0.71	0.03	9.88	1.38
OFFICE	13.36	0.85	0.05	9.64	3.82
WIRES, CABLES	14.29	0.41	0.02	20.58	-6.92
RCD-T-COM	11.29	C. 99	0.08	8.03	2.14
OTHER STREET	12.92	¢.93 -	0.23	5.76	5.00
OTHER ELECTRICALS	9.30	3.07	0.07	2.96	2.20
. HOTOR VEHICLES	8.33	1.61	0.02	4.27	2.44
OTHER VEHICLES	7.24	2.67	0.04	5.15	-2.03
SILPS	5.50	0.54	0.29	4.93 \$	
AIRCRAFT	15.12	0:13	0.56		-0.17
VIII.D PRECISION INSTRUMENT	9.30	1.89	0.19	1. 16	13.26
VIII.E MISC. MANUFACTURE	8.54	3.17	0.08	3.82	4.00
RCITTURTURE XI	13, 25	0.84	0.06	3, 59	1.69
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APPENDIX D COMPLETE SECTOR OUTPUT RESULTS

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CASE I

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	SCHAME SCHAME	PERFORM. ONSUME TO DE	COVERTOR OF		INVENIORUES
·	4-2-2-2-1-1	***************************************		*************	
•					
ASRICULTURE/FORESTRY FISHERIES	7 06	4.55	13.00	0.01	2.45
FISHERILS	4.85	4.70	0.05 0.08	2.00	2.45
EXOS RAW MAPERTALS	3,39	0.91	0.13	0.29	
NOR-PERSUS	30.79	3.60	0.34	0.45	
	8.47	11.13	1.03	5.65	-4.40
COKE, COLL PRODUCTS	1.23	2.04 15.42	0.19	5.16	-1.15
CRUDE, NATURAL GAS	22,23	15.42	1,31	0.33	6. 17
COKE, DAL PRODUCTS CRUDE, HAPURAL GAS REFIRED PRODUCTS	3.12	2. 29	0 20	0.05	0.59
··· ··· • • • • • • • • • • • • • • • •	. 2.93	.0.57	0.09	7	1 4 4 13
CEMENT, PLASTER	0.77	0.19	C. 13	0.36	0.10
GLASS, MISC.	4.32	1.65	G.14	3.17	2.37
GLASS, MISC. MEAT, MEAT PRODUCTS	5.96. 5.77	5.33 4.18	0.04	0.00	0.55
	5.77	4.18		0.00	2.57
PROC. FRUIT, VEG., FISH	3.04	2.75	0.01	0.00	
CDATHS	10.00	4.29	0.07	0.01	1.72
PROC. FRUIT, VEG., FISH OILS, FATS GRAINS CEREALS SUGAR CONFECTIONS OTHER EDIBLES BEVERAGES TOBACOO	3 06	6.52 3.37	0.07		3.48
SUGLE	9.41	3.79	0.02 · 0.02		?.57 5.59
CONFECTIONS	4.01	3.10	0.06	- 0.01	3.84
OTHER EDIAGES	4.49	3.10 3.33	0.02	0.00	
BEVERAGES	3.63	3, 25	0.04	0.00	0 34
TOBACCO	4.29	3.25 3.52	0.00	0.00	C.77
TOBACCO PIG 180%, INGOIS MILL PRODUCTS FOUNDRY PRODUCTS NON-FERROJS	2.37		2.16	0.29 0.25	2.92
MILL PRODUCTS	1.25	1.01 -0.89 -0.40	C. 14 ·	0.25	-0.03
FOUNDRY PRODUCTS	2.59	0.90	0.12	0.24	1.43 14.66
STCHREE TON	17.33	2.16	0.21	0.30	14.66
FABRICATED SHAPES PETRO- OR DASIC SYN FIBER FEEDSTOCK	1.67 3.89	1.13	0.12	0.22	0.23
PETRO- OR BASIC	3.89	2. 16	0.14	0.08	1.50
SIR FIBER FEEDSTOCK	2.76	1.61	0.07	2.06	1.02
SYN FIBER FEEDSTOCK LOUSEHOLD PLYSTICS RUBBLY FIBERS, YARN NOVEN KNITTED CLOTHING FIRS SKINS, HIDES POOTHEAR OTHER	4 • 15	3.24	0.32	0.00	0.59 0.19
Burning Error	. 2.10	1.68 1.98	0.10 0.17	0.14	1.45
PIRPRS VADU	- 2 4 B	2, 15	0.17	0.01	
ROYEN	2.15	2.35	0.02	2.01	
KNITTED CLOTHING FIRS	. 2.34	2.35 1.78	0.00	0.00	c.'27
CLOTHING FIRS	3.57	3. 08	0.03	0.00	0.45
SKINS, HIDES	2.60	2.30	0.03	9.01	2.26
POOTHEAR	.2.20	1.98	0.01	0.00	0.02
OTHER	2.40	2.11	0.01	0.03	0.23
RAAD EKADDULES	2.60 2.00 2.40 3.87 3.18	1.80	- 0.24	0.28	1.55
FURNITURE	3.18		0.00	0.10	0.74
PULP PARER		₹ 3.69	0.58	2.06	1.93
OTHER	3.19	2, 32	0.45	0.06	0.67
AGRI., INDJSTRIAL	1.41	0.54	0.14	0.29	0.44
COMPUTER , OFFICE	1.07	0.19	0.01	2.31	0.56
OTHER BOTOR VEHICLE	2.00	1.63	0.09	0.24 3.1 3	C.03 -1.14
CYCLES	1.99	1.95	0.12 0.19	3.13	-0.24
RAIL ROLLING STOCK	4.55	1. 12	0.07	0.22	3.13
. SHIPS	-29.37	0.33	0.43	. 0.40	-30.52
AIRCHAFT	2.67	. 0.81	1,69	0.13	0.04
PRECISION INSTRUMENTS	1.76	1.44	0.19	0.28	-0.15
MISC. MANUFACTURE	2-96	2.27	0.05	2.01	0.62
SCRAF/RECYCLE	8-92	3.59	0.51	0.58	4.23
CONSTRUCTION	0.61	0.14	0.08	0.38	0.02
GAS	3.19	2.58	0.11	3.07	0.44
ELECTRIC POWER	3.43	2.48	0.22	0.08	0.65

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APPENDIX D COMPLETE SECTOR OUTPUT RESULTS LIALLY

CASE I CONT.

	CHARRE	PERSONAL COMPUNE PICA	COVERSUATE SPECIAL	Capinal Capinal	INVESTORIES
WATER, SEWAGE RAIL TRUCK SEA INLAND WATER AUX. COMMUNICATION WHOLESALE, FETAIL PUBLISHING, PEINTING BANKING INSURANCE RENTALS EDUCATION RESEARCH HEALTH CATERING OTHER DOMESTIC	4.56 3.13 2.74 0.45 2.49 1.25 3.29 3.27 3.22 3.70 3.45 3.30 2.69 4.51 4.23 3.57 3.33 4.12 3.30	3.46 2.61 2.34 0.39 1.96 1.01 -2.88 2.71 3.09 2.41 2.39 2.56 3.10 2.28 0.80 2.49 3.18 1.06 3.30	0.11 0.18 0.03 0.02 0.28 0.12 0.15 0.35 0.77 0.15 0.15 0.14 4.26 3.42 1.15 0.08 3.02 0.0	0.03 0.06 0.09 0.12 0.02 0.05 0.03 0.03 0.07 0.04 0.01 0.00 0.01 0.00 0.01	0.96 0.29 0.23 0.12 0.10 0.10 0.21 0.21 0.25 0.25 0.00 0.03 0.00

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APPLRUIA D

COMPLETE SECTOR OUTPUT RESULTS

ITALY

CASE 11

•					•
	TAIKE IN	PERCONAL	COMPRESSER	CAPITAL *	7
	"CHATCH	· CONCALINATION		TINTE THEFT	737 / 277 77277 7 7 100
	***********			211/14	HMCTORIES
		•••		•	•
•		•	•		
AGRICULTURE/FORDSTRY	14.14	12.27	0.07	0.32	1.48
FISHERIES	12.87	12.69	0.12	. 0.03	0.04
EXOS PAR MAPERIALS	12.36	2.44	0.18	8.50	1.24
RON-PERROUS	39.33	9.71	0.47	13.10	15,96
LUNG	47.89	36.14	1.44.	18.97	-2.66
CORE, COAL PRODUCTS	9.54	5.50	0.26	4.58	-0.70
TRUDE, NATURAL GAS	56.06	41.59	1.82	9.53	3, 13
REFIRED PRODUCTS	5.13	6.16	0.29	1.38	0.36
CERANICS	12.15	1.53	0.13	9.62	0.87
CENERT, PLASTER	11.05	0.52	0.18	10.30	2.26
GLASS, HISE.	10.99	4 . # G	0.19	4.91	1.43
HEAT, HEAT PRODUCTS	14.94	14.50	. 0.05	0.06	0.33
DALRY PRODUCTS	12.68	11.28	0.02	0.03	1.56
PROC. FRUIT, VEG., FISh		7.43	0.02	0.03	0.17
OILS, FAIS	12.89	.11.58	0.01	0.18	1.04
GRAINS CEREALS	20.24	17.57	0.10	0.46	2.11
SUGAR :	9.50	9.09	0:02	0.04	0.35
CONFECTIONS	13.67	10.22	0.03	. 0.04	3.39
OTHER EDIRLES	9.19	8.36	0.08 .	0.22	0.51
BEVERAGES	9.77	6.98	0.03	0.08	0.68
TOBACCO	9.13	8.76	0.26	0.10	0.20
PIS IRON, 1 MGOTS	9.95	9.48	0.00	ა. და	0.47
MILL PRODUCTS	11.80	2.72	0.22	8.30	0.56
FOUNDRY PRODUCTS	9.92 · 10.53	2.39 2.42	0.20	7.35	-0.02
NOR-FERRODS	23.78	2.42 5.82	0.17	7.08	0.86
PABRICATED SHAPES	9.58	3.05	0.29	8.80	8.06
PETRO- OR BASIS	9.37	5.84	0.16	6.34 2.42	0.14
CVI STATE TO STATE OF THE STATE	5.30	4.35	0.20 0.09	1.74	0.91
" HOUSEHOLD	9.51	8.73	0.45	0.09	0.62 0.36
PLASTICS	8.77	. 4.52	0.13	3.99	0.12
RUBBER	3.77	5.34	0.23	2.32	0.12
FIBERS, YARR	6.21		0.03	0.20	0.18
NOVEN	6.38	6.33	0.03	0.15	-9.14
KNILLED	4.96	4.80	0.00	0.00	0.16
CLOTHING FIRS	8.69	8.31	0.05	0.06	0.27
SKIRS, BIDES	6.75	6.20	0.04	0.35	0.15
PODIKEAR	5.35	5.33	0.01	0.00	0.01
OTHER	6.71	5.68	0.05	0.84	0.14
ROOD PRODUCTS	14.18	4.84	0.34	8.06	0.94
FURNITURE . PULP PAPER	9.71	6.32	0.00	2.94	0.44
OTHER	. 13.71	9.94	0.80	1.80	1.16
AGRI., INDUSTRIAL	. 8.89	6.24	0.62	1,62	Q.41
COMPUTER OFFICE	10.29	1.46	0.20	8.36	0.26
OTHER TOTAL	9.78	0.52	0.01	8.91	0.34
NOTOR VEHICLE	11.50	4.40	0.13	6.95	0.02
CYCLES	7.65 7.88	4.38	0.17	3. 78	-0.69
•		5.26	0.27	2.49	-0.15
PAIL ROLLING STOCKS	11.47	3.02	0.10	6.45	1.89
žiiloš	-5.50	0.88	9.60	11,45	-18.46
AIRCRAFT	8,35	2.17	2,35	3,80	0.03
PRECISION INSTRUMENTS	12.22	3.88	0.26	8.17	-0.09
MISC. MANUFACTURE	6.93	6.13	0.07	0.36	0.37
SCRAP/RECYCLE	29.89	9.68	0.73	16.94	2.56
CONSTRUCTION	11.40	0.37	0.11	10,91	0.01
GAS ELECTRIC POWER	9.29	6.94	0.15	1,93	0,26
IOIRIC IONIN	9.71	5.70	0,31	2,31	0.39

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COMPLETE SECTOR OUTPUT RESULTS

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CASE 11 CONT

	CHASTIN CHASTIN	PERFORM.	COMPRESSION SPECIAL CONTROL OF THE C	CAPITAL.	INVERTORIES
	•		•		
RAIL ROLLING STOCK	11.47	3.02	0.10	6.45	1.89
SHIPS	-5.50	0.88	0.60	11.48	-18.46
AIRCRAPP	8.35	2, 17	2.35	3.80	0.03
PRECASION INSTRUMENTS	12.22	3.88	0.26	8.17	-0.09
MISC. MARUPACTŪRE	5.93	6.13	0.07	0.36	0.37
1 SCRAP/RECYCLE	29.89	9,68	0.71	16.94	2.56
CONSTRUCTION	11.40	0.37	0.11	10.91	0.01
GAS	, 9.29	6.94	0.15	1,93	0.26
ELECTRIC FOUR	9.71	6.70	0.31	2.31	0.39
VATER, SEVAGE	10.34	9.34	0.15	0.77	0.58
RALL	9.07	7.04	0.25	1.61	0.17
TRUCK	8.79	6.32	0.11	2.21	0.15
SEA	1.23	1.04	0.03	0.19	0.02
INLAND WATER	9.29	5:30	0.39	3,53	0.07
A TR '	3.54	2.71	0.16	0.60	0.06
AUX. ·	9.42	7.77	0.21	1, 31	0.13
RCITACTUMNCS	9.05	7.30	.0.48	1.15	0.11
· WHOLUSALE, RETAIL	9.17	8.32	0.06	0.75	0.04
PUBLISHING, PRINTING	8.41	6.50	0.62	0.00	0.49
BANKING	9.59	6,43	0.99	2,00	0.17
INSURANCE	8.42	6.91	0.21	1/14	0.15
RENTALS	8.95	8.35	0.21	0.37	0.02
REPAIRS	9.71	6.14	0.20	3.27	0.10
ROUCATION	6.57	0.61	5.96	0-00	0.00
RESEARCH	7.07	. 2.15	4.76	0.16	0.00
H EA LT II	3.34	6.71	1.61	0.00	0.02
CATERISG +1	9.04	8.56	0.11	2.33	0.04
OTHER .	7.28	2.85	4.20	0.20	0.02
DONESTIC	8.90	8.90	0.0	0.0	0.0

APPERDIX D

COMPLETE SECTOR OUTPUT RESULTS

ITALY

CASE 111

•	TANA!	PURFOUNT	COMPRESSION		74841500000000000000000000000000000000000	
•	CHARTE	. COURTHAION	SHADEDS	<u> Harramerar</u>	TRAEZ LOGILO	
	* ***					
AGRICULTURE / FORESTRY	9.81	7.17	0.04	0.29	2.32	
FISHERIES	7.55	7.41	0.07	0.03	0.06	
EXOG RAW MATERIALS	11.16	1.43	0.10	7.69	1.94	
ron-len hous	42.81	5.67	0.28	11.93	24.92	
CORE, COAL PRODUCTS	31.48	17.61	0.85	17.17	-4.15	
CRUDE, EARURAL GAS		3.21 24.30	0.15	4.15	-1.09	
REPIRED PRODUCTS	3.57	3,60	1.08	8.62 1.25	4.83 0.55	
CERABICS .	11.04	0.89	0.08	8.71	1.36	
CEMERT, PLASTER	9.82	0.30	2.11	9.32	0.09	
GLASS, MISC.	9.40	2.61	0.11	4.45	2.23	
MEAT, MEAT PRODUCTS DATEY PRODUCTS	9.37	8.47	0.03 .	0.05	0.52	
PROC. FIUNT, VEG., F) SA	9.06	6.59 4.34	0.01	0.02	2.43	
Olls, Pars	8-61	6.77	0.01	0.03	0.26 1.63	
GRAINS CEREALS	14.53	10.27	0.06	0.15 0.41	3,29	
	5.90	5.31	C.01	0.03	0.54	
SUGAR CONFESTIONS	11.31	5.97 4.89	0.02	0.03	5.28	
OTHER EDIBLES	5.93		0.05.	0.20	0.80	
BEVERAGES	6.40 5.56	5.25 5.12	0.02	0.07	1.07	
BEVERAGES TOBACCO	5.27	5.54	0.03	0.04 0.00	0.32 0.73	
PIS INON, INSORS	10.10	1.59	0.13	7.51	· C.87	
NILL PRODUCTS	9.14	1.40	C. 12	6.65	-0.03	
POUNDRY PRODUCTS NORTHEREDUS	9.27	1.42	0.10	6.41	1.35	
PABRICATED SHAPES	25.38 7.33	3.40 1.78	0.17	7.96	13.84	
PETRO- OR BASIC	7.14	3.41	0.10	5.74	0.21 1.42	
SYN FIBER FEEDSTOCK	. 5. 13	2.54	0.05	2.13 1.57	0.96	
แวบระแวนบ	5.99	5.10	0.27	0.07	0.56	
PLASTICS RUDDER	6.52	2.64	0.08	3.61	0.19	
PIBERS, YARH	5.73 3.87	3.12 3.38	0.14	2.10	1.37	
KJYEH	2 611	3.70	0.02	0.18 3.14	0.28 -0.21	
KNITTED	3.05	2.80	0.001	0.00	0.25	
CLOTHING FIRS	2.36	4 . 86	0.03,	0.05	0.43	
SKINS, HIDES FOOTVEAR	4.21	3.62	0.02	0.32	0.24	
OTHER	3.14 4.33	3.11	0.001	0.00	0.02	
WOOD PRODUCTS	11. 9	2.83	0.03	7.29	0.22 1.47	
PURUTTURE	7.05	. 3.69	0.00	2.66	0.69	
PULP PAPER OTHER	9.74	5.81		1.63	1.B2	
AGRI., INDUSTRIAL	6.12 8.95	3,65	0.37	1.47	0.64	
	8.90	3.65 0.85 0.30	0.12	7.57 8,07	0.41	
OTHER	8.97	2.57	0.08	6.29	0.53 0.03	
HOTOR VEHICLE	5.01 .	2.56	0.10	3.42	-1.07	
RAIL ROLLING STOCK	5.26	3.07	0.16	2.25	-0.23	
	10.62	1,77	0.06	5.84	2.96	
λIRCRAFT	17.56 6.14	1.51 1.77	0.36	10.39	-28.82 .	
PRECISION INSTRUMENTS	0.48	2.27	0,15	3.4 <i>1</i> 7.40	3.04 -0.14	
MISC MANUFACTURE	4,53	3.58	0.04	0,32	0.59	
	25,41		0.42	15,34	4.00	
CONSTRUCTION GAS:	10.17	0.21	0.07	9,88	110.0	
ELECTRIC POWER	6.30 . 6.80	4,06 3,91	0,09 0,18	1,74	0,41	
			0110	. 2,09	0,61	

APPENDIX D. COMPLETE SECTOR OUTPUT RESULTS

JAVLY

. CASE III CONT.

	CHANG	Praecerty.	COMPRESSOR FINEDHIN	CAPITAL IMMEDIATE	INTERPORTES
RAIL BOLLING STOCK	10.62	1.77	0.06	5.84	2.96
SHIPS	-17.56	0.51	0.36	10.32	~28.82
i AIRCRAFT	6.14	1. 27	1. 39	3.44	0.04
PRECISION INSTRUMENTS	9.66	2.27	0.15	7.40	-0.14
NISC. MASUFACTURE	4.53	3.58	0.04	9.32	
SCPAPYRECYCLE	25.41	5.65	0.42		0.59
CONSTRUCTION	10.17	0.21	0.07	15.34	
GAS	5.30	4.06	0.09	9.88	0.01
ELECTRIC POWER	6.80	3.91	0.16	1.74	0.41
WATER, SERAJE	7.15	5.46	0.75	2.09	0.61
RAIL	5.99	4. 12	0.15	0.70	
TRUCK	5.99	3.69	0.13	1.95	
SĖĄ	0.83	0.61	0.02	2.00	0.23
INLAND KALER	6.63		0.02	0.17	0.03
Alr	2.32	1.58	0.10	3. 19	0.11
AUX.	6.05	4.54	0.10	9.54	0.10
COSSUSICATION	5.77	4.26		1.18	
WHOLESALE, RETAIL	5.54	4.86	0.20	1.05	
PUBLISHING, PRINTING	5.66	3. 80	0.03	0.69	0.06
BANKING	6.42	3.76	0.37		0.77
INSUPANCE	5.43	4.04	0.59	1.61	0.26
RENTALS	5.37		(.13	1.04	0.23
REPAIRS	5.32	4.83	0.12	0.33	0.94
EDUCATION	3.90	3.59	0.12	2.96	0.15
RESEARCH		0.36	3.54	0.00	9.09
HEALTH	4.23	1.25	2.83	0.14	0.00
CAPERING	4.91	3.92	0.35	0.00	
OTHER	5.43	5.00	0.06	0.30	0.06
. DONESTIC	4.38	1.67	2.49	0.19	0.04
. DOMESTIC	5.20	5, 20	(1.0	0.0	0.0

APPENDIX D COMPLETE SECTOR OUTPUT RESULTS ERANCE

· CASE I

			•		
	TOTAL.	RESPONSAL	COMPRESSOR	CAPITAL	
	CHANCE	 Opadit a mich 	SPICEDING	JiMESTER IT	TIVERIOUTES -
•		***************************************	******************		414414440111111
	•				
FOODSTUFFS	15.24	13.17	0.91	2 26	,
FISHERIES	.19.91	18.96	0.72	0.36	0.80
EXOG RAW MAPERIALS	18.15	3.89	3.45	. 0.06	0.17
PERROUS	15.08	3.43	3.82	8.04	2.37
NON-PERROUS	50.16	13.49	15,65	5.98	2.84
LUEF	32.35	13.49	10.46	14.95	6.77
STERCERS TICE TAKES	23.95	6.08	6.49	5.12	3.30
REFIEED PRODUCTS	18.06	7.97		7.68	3.70
CERARIES	17.79	4.22	6.52	2.41	1.16
CREERY, PLASTER	15.75	1.59	3.95	8.16	1.46
GLASS, SISC.	15.55	7.02	3.62	9.06	1.47
MEAT, MEAT PRODUCTS	15.03	13.52	3.41	3.41	1.70
DAIRY PRODUCTS	12 25	11,56	0.67	0.06	C.79
PROC. FROIF, VEG., PISH	17.50	15.69	0.34	0.05	0.30
OILS, MARS	23.67		0.66	0.04	1.12
GRAINS	15.22	20.72	1.93	0.64	0.33
CERGALS	13.33	12.82	1.04	C.45	0.92
Sugar	13.01	12.92	0.36	C . C4	0.01
CONFECTIONS	17.51	11.53	0.46	2.09	0.93
OTHER EDIBLES	14.81	16.27	0.25	. 6. 64	0.95
BEVERAGES	12.80	13.15	0.27	0.04	1.35
TOBACCO	14.34	. 11.30	0.96	0.15	0.38
PIG IRON, INGORS	15.68	13.68	0.0	0.0	0.36
FOURERS PRODUCTS	13.72	3.46	3.86	6.03	2.34
NON-FELEDUS	23.33	5.30	4.78	6.63	2.01
FABRICATED SHAPES	18.08	5.31	8.14	7.31	3.08
PETRO- OR BASIC		4.43	4.2C	7.62	1.82
SYN FIBER PEEDSPOOK	27.50	13.04	8.48	3.32	2.66
INDUSTRIAL	18.89	10.10	5.28	2.94	0.57
HOUSEHOLD	18.75	7.78	3.99	3.64	
PLASTICS	15.38	11.03	3.11	0.52	3.34 C.73
RUBBER	19.04	7.61	5.83	4.05	1.55
FIBERS, YARN, FABRICS	15.73	6.97	5.77	3, 19	
Raycy	10.29	9.93	1. 25	0.73	0.79
KNITTED	12.76	10.44	1.84	1.11	-1.63
CLOTHING FIRS	11.90	12.60	0.21	0.12	-0.63
SKINS, HIDES	13.18	13.15	0.48	0.12	-1.03
FOOTHELR	13.06	9.85	0.88	0.18	-0.54
OTHER	12.73	12.62	0.22		2.16
NOOD PRODUCTS	_14.06	10.93	1.68	0.04	-0.14
FURNITURE	21.57	5.01	5.11	0.31	1. 13
PULP PAPER	19.28	13.02	4.63	9.03	3.41
OTHER	32.77		7.64	C. 49	1.14
	23.74		0.86	2.23	2.21
AGRI., INDUSTRIAL	16.45		3.35	2.15	1.73
COMPUTER , OFFICE	22.40	0.77	9.79	9.74	1.65
OTHER	22.83		0.16	11.87	.0.04
HOTOR VEHICLE	15.14		3.12	4.74	2.05
CYCLES	12.58			3.87	0.72
•		-103	2.11	0.57	0.05

APPENDIX D COMPLETE, SECTOR OUTPUT RESULTS

ERNICE

CASE I CONT.

: '	CHAALSH JAMAT	Onstructor	COMPRESSION	CAPITEL INVESTMENT	IMENODES
!		•			
RAIL ROLLING STOCK	14.14	1.80	1.79	5.81	3.74
SHIFS	2.56	1.45	C.71	5, 23	-4.83
AFRIRAFT	43.28	2.30	38.37	1.04	1.57
PRECISION INSTRUMERTS	33,15	7.06	14.62	6.50	4.97
MISC. MASUPACTURE	21.42	9,93	8.54	2.57	2.43
1 SCRAP/ALCYCLE	14.45	4.02	5.07	4.01	1.35
CONSTRUCTION	15.25	1.56	3.63	9.53	6.43
GAS	17.64	10.94	4.34	1.55	0.80
'ELECTRIC FORER	19.20	9.92	7.20	2.13	2.75
WATER, SERASE	18.13	11.54	5.37	0.92	0.24
RAIL	16.82	8.52	5.34	2.37	0.60
TRUCK	15.32	9.46	3.59	2.57	0.42
SEA	3.23	0.50	2.65	0.08	0.01
INLAND WATER	18.26	10.92	. 3.03	3,59	0.73
AIR	14.16	4.53	8.14	1. 16	0.28
AOX.	13.71		.7.17	3.12	3.76
ROITACIANMES	28.76	8.28	18.14	1.92	0.42
WHOLESALE, REPAIL	14.63	11.73	11.49	1. 24	0.17
PUBLSIHIVA, PRINTING	36.19	8.6C	25.59		C. 74
BANKING	31.42	7.83	20.97	12.20	0.42
INSURANCE	17.98	11.00	5.13	1.45	0.32
RENTALS	16.15	11.92	3.29	2.76	0.19
REPAIRS		11.10	2.80	1.80	0.29
EDUCATION	94.01	0.92	93.09	0.0	o.c
RESEARCH	105.36	0.0	100.00	0.0	0.0
HEALTH	21.60	12.91	9.53	0.03	0.03
CATERING	15.32	12.53	2.32	0.38	0.09
OTHER	65.12	3.53	60.94	1.40	0.26
DOMESTIC	11.71	11.71	0.0	2.0	0.0
LAEOR	26.52		15.46	3.65	0.66

PERSONAL COMPACTION

APPERDIX D

COMPLETE SECTOR OUTPUT RESULTS

ERARGE

CASE II

TOTAL

	· CHANGE	* ODDEROMETICA	SPITTUIN	· Transcrate	INVENTORIES
•				-	 ,
				•	
*			•		
	•		-		
POODSTORES	7.46			•	
FISHERIES	. 7.00	6.63 9.65	0.12	0.30	0.70
EXOS RAW MARCHALS	10 20	9.55 1.96	0.02 0.10	0.05	0.15
FERROUS	10.90 9.35	1.73	0.10	6.77	2.07
· NON-FERROUS	25.54	6.75	0.39	5.04	2.48
LUaP	14.25	6.79	0.27	12.59 4.31	5.91
CORE, COVI. PROPUCTS	12.93 7.23 10.37	3.06	0.17	6.47	2.99 3.23
REPURED PRODUCES	7.23	4.01	0.17	2.23	1,02
CERANIOS	10.37	2.13	C.1C	6.87	1.27
CEMENT, PLASTER	9.31	0.80	0.09	7.63	1.29
GLASS, NISC.	7.98	3.54	0.09	2.98	1.48
BEAT, MERT PRODUCTS .	7.57	6.81	C.92	0.05	0.69
DAIRY PRODUCTS .	5.14	0.80 3.54 6.81 5.83	0.01	C • C 4	0.26
PROC. FRUIT, VEG., FIST	8.9.1	7.90	0.02	0.64	0.98
GRAINS	7.66	10.44	0.05	< C.54	0.29
CEREALS	5.56		0.03	2.38	0 • BK
CHHAN			2.(1	୍ ପ୍ରମୟ	0.01
CONTECTIONS	9.07	8.20	0.01 0.01	0.09	0.81
OTHER EDIGLES	7.34	6.62	0.01	0.03	0.93
BEVERAGES	6.18	5.69	0.02	0.03 0.13	1.1R C.34
BEVERAGES	9.07 7.34 6.18 7.20	6.89	0.5	0.0	0.31
\$13 1805,150t5	8.96 10.13 11.73	1.74	0.10	5.09	2.04
. FOUNDAY TRODUCTS	10.13	2.67	0.12	5.59	1,75
NON-FERROUS FABRICATED SHAFES	11.73	2.67	0.21	6.15	2.60
FABRICATED SHAFES	10.35	• 2.23	0.11	6.42	1.59
PETROF OR BASIC SYN FIBER FEEDSTOCK INDUSTRIAL	11.91	6.57 5:09	0.22	2.79	2.32
, SYN FIBER FEEDSTOCK	8.20	5:09	0.14	2.47	0.5C
: INDUSTRIAL	10.01	3.92 5.55	0.10	3, 37	2, 92
COLUMN TO THE STATE OF THE STAT	5.70		0.08	0.43	0.63
RUBBER	8.75 7.04		0.15	3.41	1.36
FIBERS, YARN, FABRICS	4.23	3,51	0.15	2.69	0.69
ROVER	5.69	5.00 5.26	0.03 0.05	0.62	-1.42
ROVER KUTTED	5.55	6.35	0.03	0.94	-0.55
CLOTHING FURS	5.24	6.63	0.01	0.10	-0.90
SKIRS, HIDES	5.55 5.24 7.02		0.02	0.07	-0.47 1.88
FOOTWEAR	5.27	6.36	0.01	0.03	-0.13
OTHER	6.80	5,51	0.04	0.26	C. 99
WOOD PRODUCTS	12.40	2.52	0.13	6.76	2.98
FURKI TURE	8.38	6.56	0.12	0.41	1.00
PULP FAPEP OTHER	9.65 8.14	5.38	0.46	1.88	1.93
OTHER			0.28	1.81	1.51
AGRI., INDUSTRIAL	10.59	• • • •	0.09	8.20	1.44
COMPUTER , OFFICE	10.62	0.39	0.25	9.94	0.04
OTHER	9.01	2.96	0.26	3.99	1.79
MOTOR VEHICLE	7.71 5.54		0.08	3.26	0.63
	3.34	4.96	0.05	0.48	0.05
		•	•		•

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APPENDIX D COMPLETE SECTOR OUTPUT RESULTS ERANGE

CASE II CONT.

•	CHARGE ACTIVITY	PERFORM.	COMPREMENT SELECTIONS	Cyblamp	INVENORIUS
•	•		•		
RAFL ROLLING STOCK	9.96	0.91	0.05	5.74	3.26
SHIPS	6.93	0.73	0.02	4.40	-4.22
ATROPART	4.40	1, 16	1.00	0.37	1,37
PRECISIOS INSTRUMENTS	13.75	3.56	9.38	5.49	4.34
MISC. MANDFACTURE	.7.82	4.95	0.22	. 0.48	2.17
1 SCHAP/REQYCLE	5.72	2.02	0.13	3.33	1.18
CONSTRUCTION	9.37	0.79	0.09	8.63	0.46
GAS	7.64	5.51	0.11	1.31	0.70
ELECTRIC FORER	7.58	4.94	0.19	1.82	0.66
WATER, SEWAGE	6.99	5,82	0.14	0.76	C. 25
RAIL	6.95	4.29	0.1"	1.99	0.52
TRUCK	7.40	4.76	0.10	2. 16	0.37
SEA	0.39	0.25	2.57	0.06	0.01
INLAND WATER	9.23	5.50	è. 5a	3,01	0.64
ALR	3.74	2.31	0.21	0.98	9.24
AUX.	7.33	3.86	2.19	2.63	10.66
CONGUNICATION	5.53	4.17	C. 47	1.62	0.37
WHOLESALE, REPAIL	7.14	5.91	0.24	1205	C-14
PUBLSIHING, FRIGING	. 5.70	4,33	0.07		0.64
BANKING	6.71	3, 95	0.55	1.35	0.37
INSURANCE	7.22	5.58	5.13	1-23	0.29
RENTALS	5.39	6,00	0.09	0.64	0.16
EEPALES !	7.43	5.59	0.57	1.51	9.25
EDUCATION	2.88	C.46	2.42	0.0	2.0
RESEARCH	2.50	0.0	2.60	0.0	0.0
HEALTH	6.35	6.05	6.25	5.03	0.03
CATERING '	5.77	6,31	0.00	0.32	0.08
OTHER	4.76	1.78	1.58	1. 18	0.22
DOMESTIC	5.90	5.90	0.0	3.0	3.0
JABOR	7.45	3.40	0.40	3.08	0.57

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APPLUDIX D :

COMPLETE SECTOR OUTPUT RESULTS

ERAUGE

CASE 111

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•	= GITABLE . JOINT	Omerwell Comment	COMPUMINT SPICEOUT	CAPITAL PARODUMENT	HIVETPORTES	
			•		•	
•				•		
FOODSTUFFS	8.69	7, 23	0.04	. 0.31		
FISHERITS	10.72	10.49	0.03	0.05		
TYOG RAW MATERIALS	12.58	2.13	0.16	6.98	, 3.31	
PERROUS	11.25	1.83	0.16	5.20	3.96	
NON-FEPROUS	30.39	7.35	0.62	12.93	9.43	
LUMP	16.87	7.40	0.43	4.49	4.60	
COKE, COAL PRODUCTS	15,43	3.33	0.27	6.67	5.15	
REFINED PRODUCTS	8.36	4.37	C.27	2.09	1.62	
CERAMICS	11.60	2. 32	0.16	7.09	2.03	
CEMEST, PLASTER	16.95	0.87	0.15	7.87	2.05	
GLASS, KISC.	9.32	3.85	0.14	2.97	2.37	
MEAT, BEAT PRODUCTS	8.60	7.42	0.03	0.05	1.10	
DAIRY PADDUCTS	6.83	6.35	C • C 1	0.04	0.42	
PROC. FRUTT, VEG., FIS	St 10.23	8.61	0.03	0.00	1.56	
OILS, FATS	12,46	11.37	0.08	2.56		
011112	€.75	7.04	Ċ', ĊΠ	0.39	1.28	
CEREALS	7.15	7.04	0.01	0.04	0.01	
SUGAR CONFECTIONS		€.33	0.02	0.408		
CONFECTIONS	7.73	9,93	0.01	0.04		
	9.15	7.22	0.01	9.03		
BEVERAGES	5.91	6.20	0.04	013		
BEVERAGES TOBACCO	3.21	7.51	0.0	6.0	ሶ • 5 ቦ	
PIG IRDELISIONS	10.55	1.90	0.16	5.24	3.26	
FOURDRY PRODUCTS	11.66	2.91	0.20	5.76		
NON-FERROIS	13.88	2.91	C•33	6.35	. 4.29	
FARRICATED SHATES	11.76	2.43	0.17	6.62	2.54	
PETRO- OR BASIC	10 20	7.15	0.35	2.88	3.71	
SYN FISHR PREDSPORE	9.11	5.54	0.22	2.55	0.80	
W INDUSTRIAL	12.26	4.27	0.16	3.16	4.6ń	
3) HOUSEHOLD	7.54	6.05	0.13	0.45	1.01	
PLASTICS	10.10	4.18	0.24	3.51	2.17	
RUBBER	7 15 45	3, 33	0.24	2.77	1.10	
FIBERS, YARR, FABRICS	3.87	5.05	0.05	0,64	-2.27	
MOVER	5.89	5.73	0.78	3.97	-0.89	
KNITIID	5.59	6.91	0.01	0.10	1 -1.43	
CLOTHING FIRS	6.56	7.22	0.02	0.08	-0.75	
SKINS, HIDES	8.51	5.40	0.04	0.16	3.01	
FOUTKEIR	6.77	6.93	0.01	0.03	-0.20	
OTHER	7 02	6.00	0.07	3.27	1.58	
ROOD PRODUCTS	14.59	2.75	0.21	6.97	4.76	
FURNITURE	9.34	7.14	0.19	0.42	1.59	
· FULP PAPER	11.51	5.87	0.72	1.94	3.08	
OTHER	9.67	4.94	0.45	1.86	2.41	
AGRI., INDUSTRIAL	11.84	C.94 🕶	0.14	8.46	2.30	
	11.13	0.42	0.40	10.25	0.06	
OTHER	10.62	3.23	0.42	4.12	2.86	
MOTOR VEHICLE	8.57	4.08	0.13	3.36	1.01	
CYCLES	6.06	5.41	0.09	0.49	0.08	

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APPENDIX D

COMPLETE SECTOR OUTPUT RESULTS

ERAUCE.

CASE III CONT.

	CHARRE	PIRCEALLY ODER SATION	COMPAGNATAL TOTALLIST	CAPITAL INTERNETAL	IMPRODUCTES
	•				
RAIL ROLLING SPOUR	12.19	0.99	0.07	5.92	5.21
SHIPS	-1.37	0.80	0.03	4.54	
i AIRCRAUT	5.92	1,26	1.57	. 0.90	2, 19
PRECISION INSTRUMENTS	17.35	3, 87	0.60	5.65	** * * *
	· 9.70	5.40	0.35	C. 49	
SCRADZE ECYCLE	7.73	2.21	C.21	3148	• •
CONSTRUCTION	10.32	C. 86		8.28	0.73
3 1/5	8.65	6.01.		1.35	1.12
ELECTRIC FORTE	8.58	5.39		า. ถ้ร	1.05
WATEH, SEWAGE	7.76	6.34		0.80	0.27
RAII.	7,79		0.22	2.06	
TRUCK	8.17	5.19	0.16	2.23	
SEA	C.46	C. 27	0.11	0.17	0.03
IRLAND KATER	10.24		+ 0.12	3.11	
A IR .	4.24		0.33	1.61	
AUX.	6.26		0.29	2.71	1.05
COMMUNICATION	7.54		0.74	1,67	0.5q
WHOLESALE, RETAIL	7.31	6.44		11.08	0.23
PUBLISHING, PRINTING	7.89		1.75	1.09	1.03
BANKING	7.56	4.30		1,91	0.59
INSURANCE.	8.00	6.08	2.21	-1, 26	0.45
RENTALS	7.60	6.54		0.66	0.26
REPAIRS	8.13	6.09	0.11	1.56	
EDUCATION	4.32	0.50		0.0	0.41
RESMARCH	4.10	0.0	4. 10	0.0	6.5
HEALTH	7.05	6.59	0.39		0.0
CATERING	7.43	6.88	0.09	0.03	
OTHER .	5.01	1. 73	2.50	2.33	0.12
DOSESTIC	6.42	6.42	0.0	1.22	0.36
LABOR	3.42	3,70	0.63	0.0 3.17	; o.c
• • • • • • •		~	C 1 U J	3. (/	0.91

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TAB E

APPENDIX É
CHANGE IN DOMESTIC DEMAND

JAPAH

			ANMUA	MMUAL RATES ROENT CHAMGE) SE (LASE)		
DEHAND SECTOR	Unse	CASE LJ	CASE III	UNSE AVERAGE		
PRIVATE CONSUMPTION	11.8	7.1	8.0	9.6		
GOVERNMENT SPENDING	7.6	.8.2	9:0	8.3		
FIXED CAPITAL INVESTMENT	20.3	12.9	12.0	15.1		
INVENTORIES	220.1	174.0	97.0	164.0		
TOTAL DOMESTIC DEMAND	22.0	14.4	13.1.	16.7		

United States

			ANNUAL RATES (PERCENT CHANGE)	
DEMAND SECTOR		CASE - I.I	CASE III	CASE AVERAGE
PRIVATE CONSUMPTION	6.8	5.8	и.Л.	6.3
GOVERNMENT SPENDING	1,6	0.1	N.A	0.8
FIXED CAPITAL INVESTMENT	14.0	10.1	и.л,	12.1
INVENTORIES	178.0	18.2	Ν.Α.	98.1
TOTAL DOMESTIC DEMAND	10.0	5.5	N.A.	7 8

APPENDIX E
CHANGE IN DOMESTIC DEMAND

United Kingdom

	•		(berchii) VMMUVI	L RATES T_CHARGE)
DEMAND SECTOR	CASE	Case - II	CASE III	ÛASE AVERAĜE
PRIVATE CONSUMPTION	6,2	. 3 <u>.</u> 6	5,2	5.0
GOVERNMENT SPENDING	1.6	3.9	0'.9'	2,1
FIXED CAPITAL INVESTMENT	25.7	1.4	1.5 . 0	14.0
INVENTORIES	124.0	343.0	1.30.0	199,0
TOTAL DOMESTIC DEMAND	10.1	5.6	6.2	7.3

GERMANY

	•			
			AHNUA (PERCEN	L RATES I CHAMGE)
DEMAND SECTOR	CASE	CASE	Case III	CASE AVERAĜE
PRIVATE CONSUMPTION	4,3	4,4	6,0	4.9
GOVERNMENT SPENDING	-1.3	.3.1	4'. o	1,9
FIXED CAPITAL " ENT	12,2	1.3	9.0	7 . 5
INVENTORIES	430.0	1.80.0	412.0	340.0
TOTAL DOMESTIC DEMAND	8.1	4.0	8.3	6.8

LINLY

•		•		
			ÀNNUA (PERCEU	L RATES L CHANGE)
DEMAND SECTOR	Case	CASE	CASE	CASE AVERAĜE
PRIVATE CONSUMPTION	3.3	8.9	5.2	5.8
GOVERNMENT SPENDING	4.6	6.4	3.8	4.9
FIXED CAPITAL INVESTMENT	0.4	11.6	10.5	7.5
INVENTORIES	124.0	75.0	117.0	105.0
TOTAL DOMESTIC DEMAND	3.3 ·	9.5	6.1	6.3

FRANCE

•	•		ANNUAL RATES (RESCENT CHANGE)		
DEMAND SECTOR	CASE	Case - II	CASE	Case Average	
PRIVATE CONSUMPTION	13.3	6.7	7.3	9.1	
GOVERNMENT SPENDING	100.0	2.6	4'. 1	35,6 .	
FIXED CAPITAL INVESTITAT	11.4	9.6	9,9	10.3	
INVENTORIES	53.8	47.0	75,0	58.6	
TOTAL DOMESTIC DEMAND	17.8	7.5	7.1	10.8	